

Converting Colors

YUV(235.6750, 9.5272,
-22.5170)

Have a look what the booklet for
YUV(235.6750, 9.5272, -22.5170)
contains.

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Color

**YUV(235.6750, 9.5272,
-22.5170)**

Conversions

Conversions Part 1	
Format	Color
Hex	D2F5FF
RGB	210, 245, 255
RGB Percent	82%, 96%, 100%
CMY	0.1765, 0.0392, 0.0000
CMYK	0.18, 0.04, 0.00, 0.00
HSL	193°, 100%, 91%
HSV	193°, 18%, 100%
XYZ	77.2807, 86.2265, 107.1780
YIQ	235.6750, -24.0700, -4.3100

Conversions

Conversions Part 2

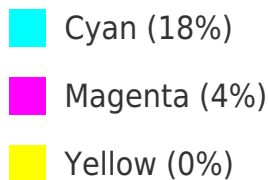
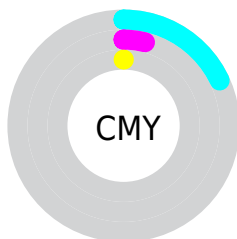
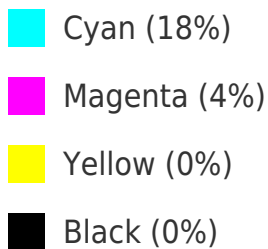
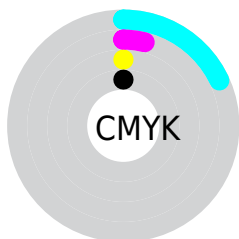
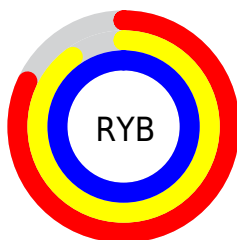
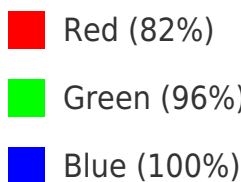
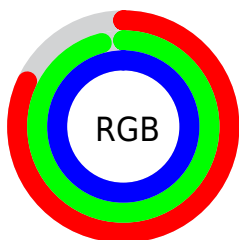
Format	Color
RYB	210, 230, 255
Decimal	13825535
CIELab	94.41, -9.23, -8.59
CIELCh	94, 12.606, 222.954
Yxy	86.2265, 0.2855, 0.3185
Android (android.graphics.Color)	4292015615 (0xFFD2F5FF)
YUV	235.6750, 9.5272, -22.5170
Hunter-Lab	92.8582, -13.9462, -3.4324

Details

The YUV color `235.6750, 9.5272, -22.5170` is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be `229.3250, -9.5272, 22.5170`, and the grayscale version is `236.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `179.8600, 8.9430, -21.8022` is the 20% darker color. If you saturate the color by 10%, you get `224.3790, 15.0962, -35.4124`, and if you desaturate by 10%, it is `246.6720, 4.1057, -10.2363`.

Distribution



Brightness & Saturation

Gradients


These gradients show how the YUV color 235.6750, 9.5272, -22.5170 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 235.6750, 9.5272, -22.5170 by changing the saturation by 10% instead.

 235.6750, 9.5272,
-22.5170

 235.6750, 9.5272,
-22.5170

255.0000, 0.0000,
0.0000

 207.5610, 9.0904,
-22.4170

 179.8600, 8.9430,
-21.8022

 152.8600, 8.9430,
-21.8022

 126.5720, 9.0850,
-20.6726

 101.4580, 8.6482,
-20.5727

 77.3440, 8.2114,
-20.4727

 54.0450, 8.3588,

-21.0875

■ 31.0340, 8.3642,
-22.8318

■ 15.4050, 5.7163,
-13.5102

■ 235.6750, 9.5272,
-22.5170

■ 235.6750, 9.5272,
-22.5170

■ 224.3790, 15.0962,
-35.4124

■ 246.6720, 4.1057,
-10.2363

■ 213.9690, 20.2283,
-48.2078

255.0000, 0.0000,
0.0000

■ 202.6730, 25.7972,
-61.1032

■ 191.6760, 31.2187,
-73.3839

■ 180.9670, 36.4983,
-86.7941

■ 169.9700, 41.9198,
-99.0747

■ 158.6740, 47.4887,
-111.9701

■ 148.2640, 52.6208,
-124.7655

■ 145.2960, 54.0841,
-127.4246

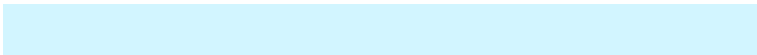
Harmonies

Analogous

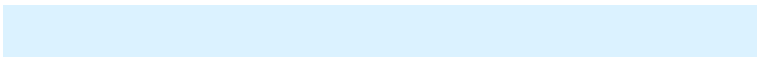
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



234.7090, 4.5805, -22.5468



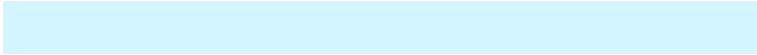
235.6750, 9.5272, -22.5170



236.6050, 9.0687, -15.4396

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



235.6750, 9.5272, -22.5170



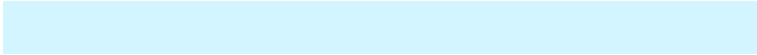
239.8860, 3.0142, 13.2550



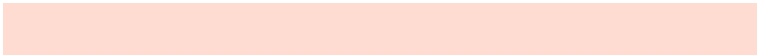
238.0470, -11.3622, 4.3438

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



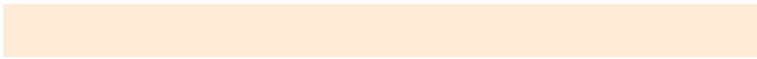
235.6750, 9.5272, -22.5170



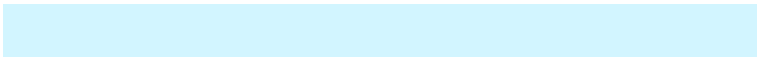
229.3250, -9.5272, 22.5170

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



239.4010, -11.5367, 13.6803



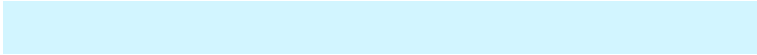
235.6750, 9.5272, -22.5170



238.5180, -2.2274, 14.4547

Square

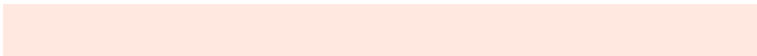
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



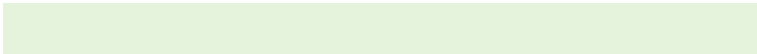
235.6750, 9.5272, -22.5170



240.5800, 7.1091, 6.5073



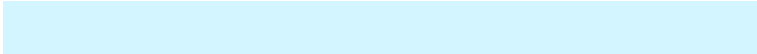
237.8510, -7.3215, 15.0397



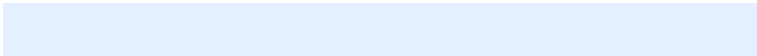
236.3060, -7.5459, -6.4074

Rectangle

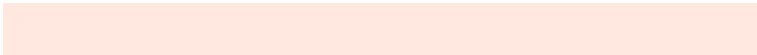
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



235.6750, 9.5272, -22.5170



238.1220, 8.3209, -8.8770



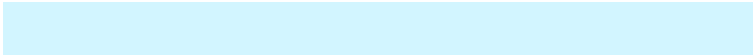
237.8510, -7.3215, 15.0397



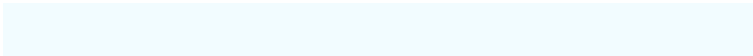
238.3680, -11.5204, 8.4473

Sweetspot

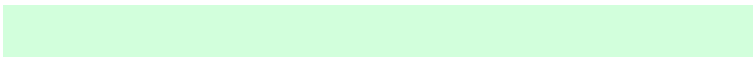
The Sweet Spot groups the original color and five complimentary colors.



235.6750, 9.5272, -22.5170



249.3520, 2.7845, -6.4477



237.5550, -8.6546, -24.1657



124.4340, 1.7580, -3.8886



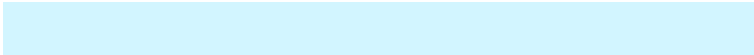
0.0000, 0.0000, 0.0000



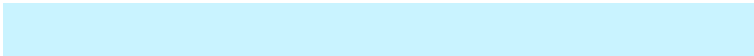
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



235.6750, 9.5272, -22.5170



231.8100, 11.4327, -27.0204



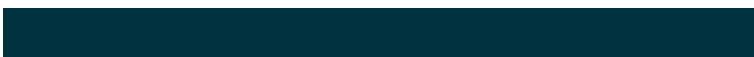
222.7610, 15.8938, -11.1914



122.3520, 2.7845, -6.4477



109.2370, 40.3092, -95.8008



36.6460, 13.4855, -32.1385

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



227.4450, 8.6546, 24.1657



221.9340, 10.3855, 28.9989



242.2390, -15.8938, 11.1914



120.0270, 2.4517, 6.9923



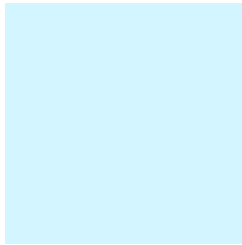
74.0950, 36.9282, 102.5257



24.8360, 12.4059, 34.3468

Previews

White Background



This preview shows how the YUV color 235.6750, 9.5272, -22.5170 looks on a white background.

Color Contrast Check

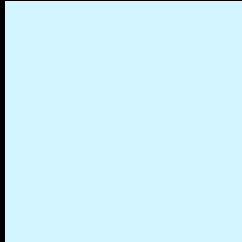
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 235.6750, 9.5272, -22.5170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

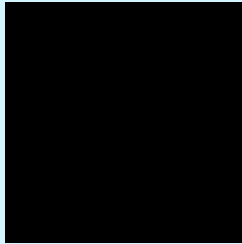
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 235.6750, 9.5272, -22.5170

Background



This preview shows how black text looks on a background with the YUV color 235.6750, 9.5272, -22.5170.



This preview shows how white text looks on a background with the YUV color 235.6750, 9.5272, -22.5170.

-22.5170.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

235.6750, 9.5272, -22.5170

Protanopia

239.0800, 5.3836, -0.0702

Deuteranopia

240.8900, 6.9562, 8.8665



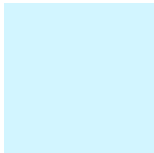
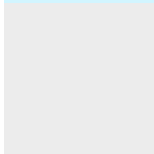
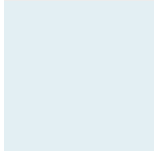
Tritanopia

237.2030, 8.7739, -14.2100

Trichromacy

	Original Color 235.6750, 9.5272, -22.5170
	Protanomaly 237.7800, 7.0105, -8.5771
	Deuteranomaly 238.7530, 8.0098, -2.4144
	Tritanomaly 236.5940, 9.0742, -17.1839

Monochromacy

	Original Color 235.6750, 9.5272, -22.5170
	Achromatopsia 236.0000, 0.0000, 0.0000
	Achromatomaly 235.8680, 3.5161, -7.7772

CSS Examples

Text

The CSS property to change the color of the text to YUV 235.6750, 9.5272, -22.5170 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(210, 245, 255)` looks like.

```
.text, #text, p{  
    color:rgb(210, 245, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(210, 245, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 245, 255) }
```

Border

The CSS property to change the border of an element to YUV 235.6750, 9.5272, -22.5170 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(210, 245, 255) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(210, 245, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(210, 245, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 245, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 245, 255);  
box-shadow:4px 4px 4px 4px rgb(210, 245,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 235.6750, 9.5272, -22.5170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 245, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(210,  
245, 255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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double the colors in the color bucket, and more
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