

Converting Colors

YUV(235.6630, -5.7499,
-22.5065)

Have a look what the booklet for
YUV(235.6630, -5.7499, -22.5065)
contains.

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Color

**YUV(235.6630, -5.7499,
-22.5065)**

Conversions

Conversions Part 1

Format	Color
Hex	D2FBEO
RGB	210, 251, 224
RGB Percent	82%, 98%, 88%
CMY	0.1765, 0.0157, 0.1216
CMYK	0.16, 0.00, 0.11, 0.02
HSL	140°, 84%, 90%
HSV	140°, 16%, 98%
XYZ	74.5301, 88.0778, 83.5936
YIQ	235.6630, -15.7690, -17.0890

Conversions

Conversions Part 2

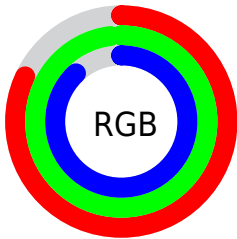
Format	Color
R_{YB}	210, 241, 251
Decimal	13827040
CIE _{Lab}	95.19, -18.21, 8.58
CIE _{LCh}	95, 20.132, 154.775
Yxy	88.0778, 0.3027, 0.3577
Android (android.graphics.Color)	4292017120 (0xFFD2FBE0)
YUV	235.6630, -5.7499, -22.5065
Hunter-Lab	93.8498, -22.4827, 12.8843

Details

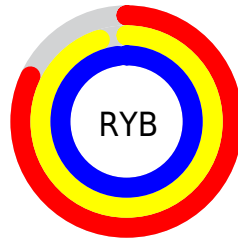
The YUV color $235.6630, -5.7499, -22.5065$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $225.3370, 5.7499, 22.5065$, and the grayscale version is $236.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $179.4890, -5.1711, -21.4769$ is the 20% darker color. If you saturate the color by 10%, you get $226.2500, -9.4902, -36.1763$, and if you desaturate by 10%, it is $245.0760, -2.0095, -8.8367$.

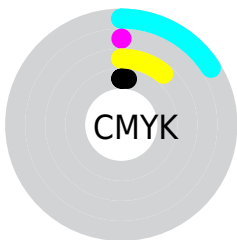
Distribution



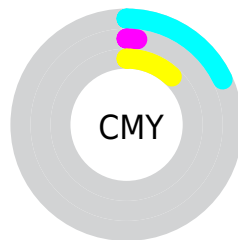
- Red (82%)
- Green (98%)
- Blue (88%)



- Red (82%)
- Yellow (95%)
- Blue (98%)



- Cyan (16%)
- Magenta (0%)
- Yellow (11%)
- Black (2%)





- Cyan (18%)
- Magenta (2%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 235.6630, -5.7499, -22.5065 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 235.6630, -5.7499, -22.5065 by changing the saturation by 10% instead.

 235.6630, -5.7499,
-22.5065

 235.6630, -5.7499,
-22.5065

255.0000, 0.0000,
0.0000


 207.0760, -5.4605,
-21.9917

 179.4890, -5.1711,
-21.4769

 152.7880, -5.3185,
-20.8621

 126.9020, -4.8817,
-20.9621

 101.6140, -4.7397,
-19.8325

 77.1410, -4.0135,
-19.4177

 54.1410, -4.0135,

-19.4177

■ 31.0700, -2.9925,
-20.2324

■ 14.6750, -7.2348,
-12.8700

■ 235.6630, -5.7499,
-22.5065

■ 235.6630, -5.7499,
-22.5065

■ 226.2500, -9.4902,
-36.1763

■ 245.0760, -2.0095,
-8.8367

■ 216.9510,
-12.7938, -49.9460

■ 252.6520, 1.1576,
2.0592

■ 207.5380,
-16.5342, -63.6158

■ 198.2390,
-19.8378, -77.3856

■ 188.8260,
-23.5782, -91.0554

■ 179.2280,
-26.7344, -105.4400

■ 169.8150,
-30.4748, -119.1098

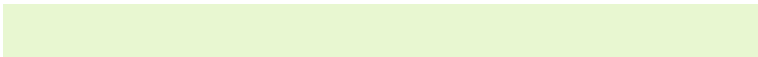
■ 160.5160,
-33.7784, -132.8795

■ 157.1410,
-35.0725, -137.8127

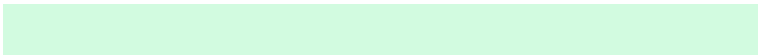
Harmonies

Analogous

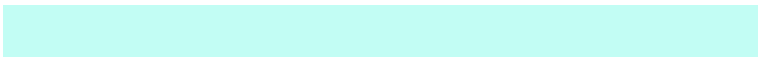
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



238.1830, -14.3872, -5.4225



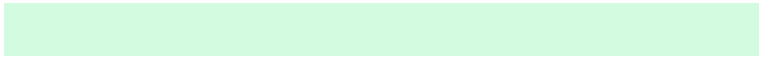
235.6630, -5.7499, -22.5065



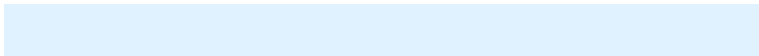
234.3330, 4.7658, -35.3720

Triad

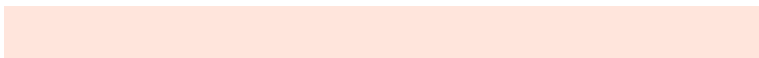
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



235.6630, -5.7499, -22.5065



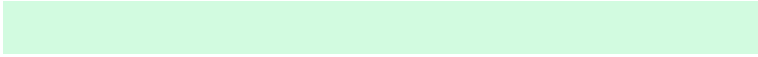
238.1000, 8.3317, -12.3657



235.7480, -7.7638, 16.8840

Complementary

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



235.6630, -5.7499, -22.5065



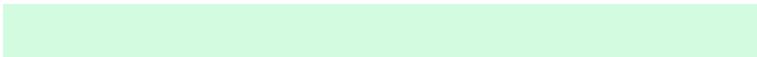
225.3370, 5.7499, 22.5065

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.



237.3270, 0.8248, 15.4992



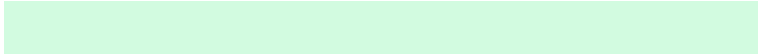
235.6630, -5.7499, -22.5065



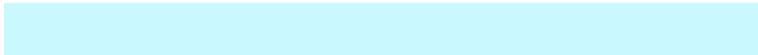
241.4660, 6.6723, 6.6073

Square

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



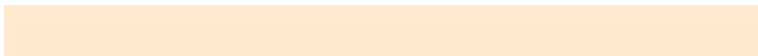
235.6630, -5.7499, -22.5065



235.0440, 9.8383, -28.9796



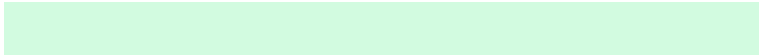
240.3250, 7.2348, 12.8700



237.2010, -14.8891, 15.6097

Rectangle

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



235.6630, -5.7499, -22.5065



233.8040, 10.4496, -38.4161



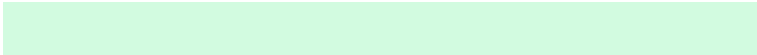
240.3250, 7.2348, 12.8700



235.8450, -4.8536, 16.7989

Sweetspot

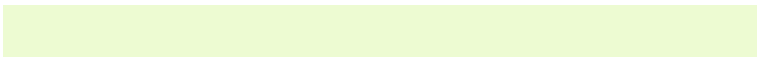
The Sweet Spot groups the original color and five complimentary colors.



235.6630, -5.7499, -22.5065



250.2010, -1.5781, -7.1923



242.1400, -15.8450, -4.5078



124.9240, -1.4415, -4.3183



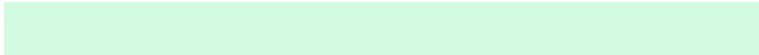
0.0000, 0.0000, 0.0000



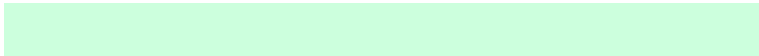
128.0000, 0.0000, 0.0000

Same Dimension

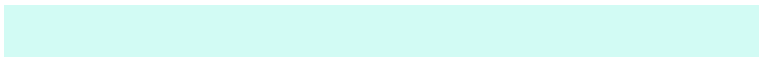
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235.6630, -5.7499, -22.5065



235.8750, -7.3334, -27.9544



237.9430, 2.9861, -24.5060



120.2010, -1.5781, -7.1923



118.2390, -26.7398, -103.6956



38.2010, -8.4801, -33.5023

Inverse Universe

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



225.3370, 5.7499, 22.5065



223.1250, 7.3334, 27.9544



223.0570, -2.9861, 24.5060



116.9130, 2.0149, 7.0923



70.6470, 26.3030, 103.7956



22.7990, 8.4801, 33.5023

Previews

White Background



This preview shows how the YUV color 235.6630, -5.7499, -22.5065 looks on a white background.

Color Contrast Check

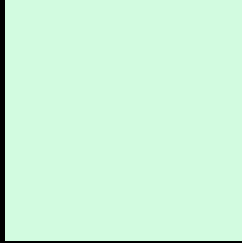
Large Text (above 18pt) WCAG AA × Fail

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 235.6630, -5.7499, -22.5065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

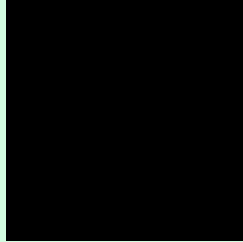
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

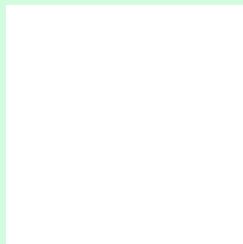
Any Text WCAG AAA ✓ Pass

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

YUV 235.6630, -5.7499, -22.5065 Background



This preview shows how black text looks on a background with the YUV color 235.6630, -5.7499, -22.5065.



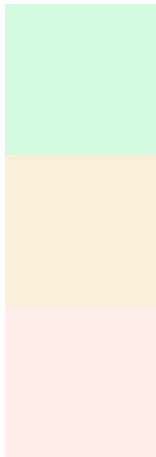
This preview shows how white text looks on a background with the YUV color 235.6630, -5.7499, -22.5065.

-22.5065.

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

235.6630, -5.7499, -22.5065

Protanopia

240.4820, -11.0836, 8.3473

Deuteranopia

242.0400, -3.9637, 11.3659



Tritanopia

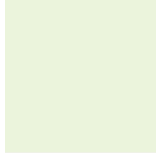
239.5840, 7.6001, -11.0362

Trichromacy



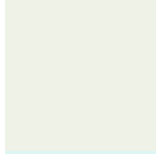
Original Color

235.6630, -5.7499, -22.5065



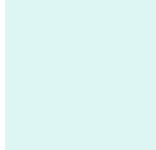
Protanomaly

238.5730, -9.1565, -3.1335



Deuteranomaly

239.7350, -4.7994, -0.6446



Tritanomaly

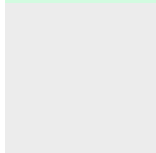
238.2970, 2.8116, -15.1695

Monochromacy



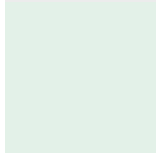
Original Color

235.6630, -5.7499, -22.5065



Achromatopsia

236.0000, 0.0000, 0.0000



Achromatomaly

235.7880, -1.8675, -7.7071

CSS Examples

Text

The CSS property to change the color of the text to YUV 235.6630, -5.7499, -22.5065 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, 251, 224)` looks like.

```
.text, #text, p{  
    color:rgb(210, 251, 224)  
}
```

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, 251, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 251, 224) }
```

Border

The CSS property to change the border of an element to YUV 235.6630, -5.7499, -22.5065 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, 251, 224) }
```


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

```
.border{ border-color:rgb(210, 251, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 251, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 251, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 251, 224);  
box-shadow:4px 4px 4px 4px rgb(210, 251,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 235.6630, -5.7499, -22.5065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 251, 224) }
```

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

```
.background{ background-color: rgb(210,  
251, 224) }
```

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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