

Converting Colors

YUV(233.0450, 8.3588,
-21.0875)

Have a look what the booklet for
YUV(233.0450, 8.3588, -21.0875)
contains.

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Color

**YUV(233.0450, 8.3588,
-21.0875)**

Conversions

Conversions Part 1

Format	Color
Hex	D1F2FA
RGB	209, 242, 250
RGB Percent	82%, 95%, 98%
CMY	0.1804, 0.0510, 0.0196
CMYK	0.16, 0.03, 0.00, 0.02
HSL	192°, 80%, 90%
HSV	192°, 16%, 98%
XYZ	75.3019, 83.9617, 102.6799
YIQ	233.0450, -22.2360, -4.5080

Conversions

Conversions Part 2

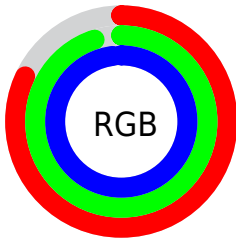
Format	Color
R _Y B	209, 227, 250
Decimal	13759226
CIE Lab	93.43, -9.04, -7.45
CIE LCh	93, 11.714, 219.485
Yxy	83.9617, 0.2875, 0.3205
Android (android.graphics.Color)	4291949306 (0xFFD1F2FA)
YUV	233.0450, 8.3588, -21.0875
Hunter-Lab	91.6306, -13.6625, -2.2980

Details

The YUV color $233.0450, 8.3588, -21.0875$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $225.9550, -8.3588, 21.0875$, and the grayscale version is $233.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $177.3440, 8.2114, -20.4727$ is the 20% darker color. If you saturate the color by 10%, you get $222.6350, 13.4909, -33.8829$, and if you desaturate by 10%, it is $243.4550, 3.2267, -8.2920$.

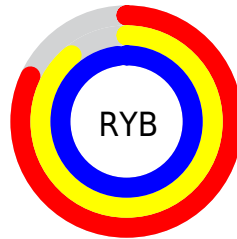
Distribution



Red (82%)

Green (95%)

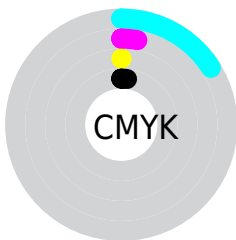
Blue (98%)



Red (82%)

Yellow (89%)

Blue (98%)

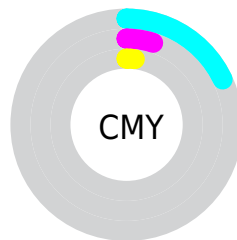


Cyan (16%)

Magenta (3%)

Yellow (0%)

Black (2%)



Cyan (18%)

Magenta (5%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 233.0450, 8.3588, -21.0875 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 233.0450, 8.3588, -21.0875 by changing the saturation by 10% instead.

233.0450, 8.3588,
-21.0875

233.0450, 8.3588,
-21.0875

255.0000, 0.0000,
0.0000

204.9310, 7.9220,
-20.9875

177.3440, 8.2114,
-20.4727

150.5290, 7.6272,
-19.7579

124.5290, 7.6272,
-19.7579

99.5290, 7.6272,
-19.7579

75.1270, 7.3324,
-18.5284

51.8280, 7.4798,

-19.1432

■ 29.2300, 7.7746,
-20.3727

■ 13.3020, 5.2741,
-11.6659

■ 233.0450, 8.3588,
-21.0875

■ 233.0450, 8.3588,
-21.0875

■ 222.6350, 13.4909,
-33.8829

■ 243.4550, 3.2267,
-8.2920

■ 212.2250, 18.6231,
-46.6783

■ 252.6690, -1.3158,
2.0443

■ 201.8150, 23.7552,
-59.4738

■ 254.4300, -2.1840,
0.4999

■ 191.4050, 28.8873,
-72.2692

■ 181.5820, 33.7301,
-85.5794

■ 171.1720, 38.8622,
-98.3748

■ 160.7620, 43.9943,
-111.1703

■ 150.3520, 49.1265,
-123.9657

■ 146.4870, 51.0319,
-128.4691

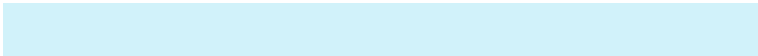
Harmonies

Analogous

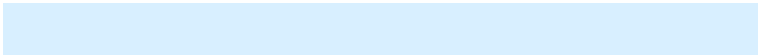
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



232.3780, 3.2646, -20.5025



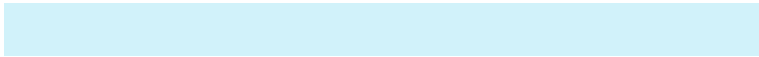
233.0450, 8.3588, -21.0875



233.9470, 10.3791, -15.7395

Triad

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



233.0450, 8.3588, -21.0875



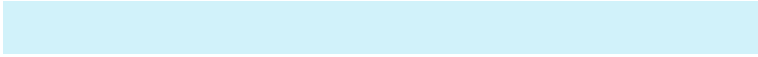
238.1850, 2.8668, 13.8698



235.2860, -10.4940, 5.8882

Complementary

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



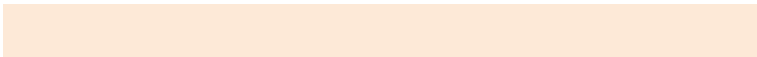
233.0450, 8.3588, -21.0875



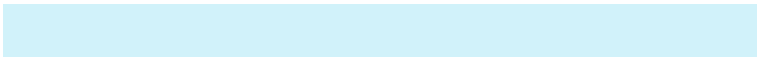
225.9550, -8.3588, 21.0875

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.



236.9280, -10.8105, 14.0951



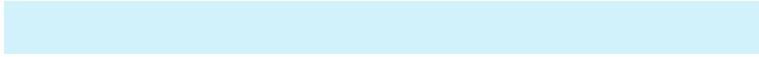
233.0450, 8.3588, -21.0875



237.2300, -2.0854, 15.5843

Square

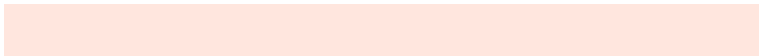
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



233.0450, 8.3588, -21.0875



237.7970, 7.9881, 4.5630



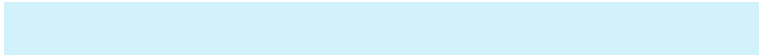
236.5630, -7.1796, 16.1692



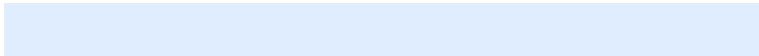
234.3170, -7.5513, -4.6630

Rectangle

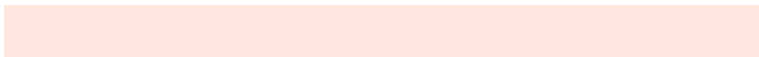
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



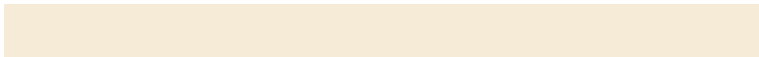
233.0450, 8.3588, -21.0875



235.1650, 9.7787, -9.7917



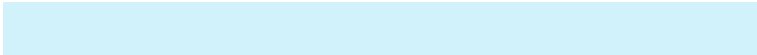
236.5630, -7.1796, 16.1692



235.8950, -10.7942, 8.8621

Sweetspot

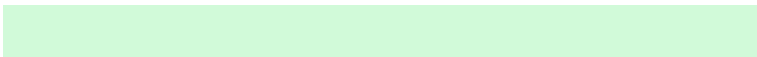
The Sweet Spot groups the original color and five complimentary colors.



233.0450, 8.3588, -21.0875



249.9390, 2.4951, -6.9625



233.9790, -8.3706, -21.9066



124.4340, 1.7580, -3.8886



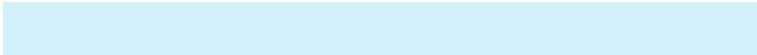
0.0000, 0.0000, 0.0000



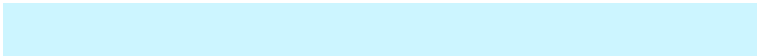
128.0000, 0.0000, 0.0000

Same Dimension

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



233.0450, 8.3588, -21.0875



233.8810, 10.4117, -26.2056



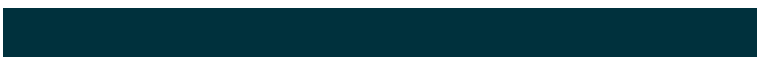
221.3050, 14.1466, -10.7915



119.9390, 2.4951, -6.9625



110.7700, 38.5674, -97.1453



35.7170, 12.4645, -31.3238

Inverse Universe

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



225.0210, 8.3706, 21.9066



223.9230, 10.3910, 27.2545



237.6950, -14.1466, 10.7915



117.1410, 2.8885, 6.8923



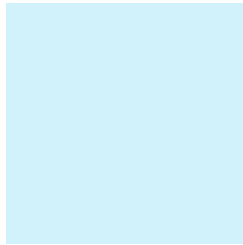
73.8390, 38.5334, 100.9962



23.8250, 12.4113, 32.6025

Previews

White Background



This preview shows how the YUV color 233.0450, 8.3588, -21.0875 looks on a white background.

Color Contrast Check

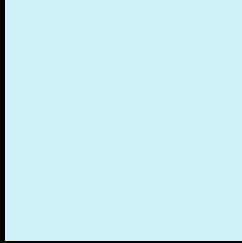
Large Text (above 18pt) WCAG AA × Fail

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 233.0450, 8.3588, -21.0875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

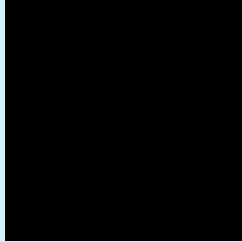
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 233.0450, 8.3588, -21.0875

Background



This preview shows how black text looks on a background with the YUV color 233.0450, 8.3588, -21.0875.



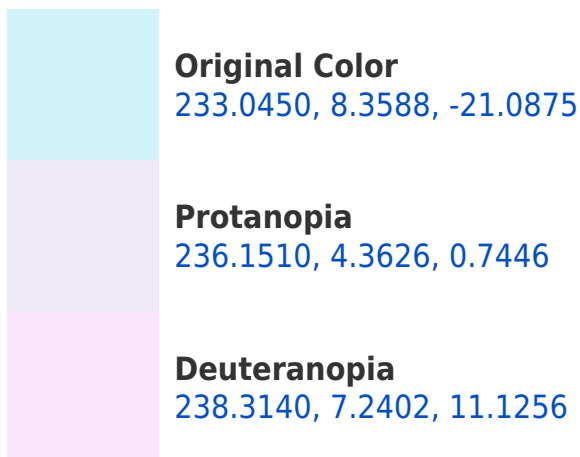
This preview shows how white text looks on a background with the YUV color 233.0450, 8.3588, -21.0875.

-21.0875.

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

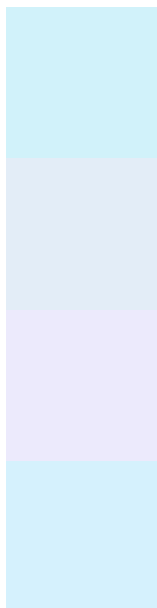




Tritanopia

234.5340, 10.0897, -16.2543

Trichromacy



Original Color

233.0450, 8.3588, -21.0875

Protanomaly

235.1500, 5.8421, -7.1475

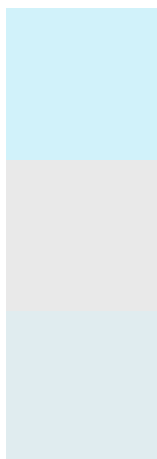
Deuteranomaly

236.6500, 7.5675, -0.5701

Tritanomaly

233.9960, 9.3690, -18.4135

Monochromacy



Original Color

233.0450, 8.3588, -21.0875

Achromatopsia

233.0000, 0.0000, 0.0000

Achromatomaly

232.7540, 3.0793, -7.6773

CSS Examples

Text

The CSS property to change the color of the text to YUV 233.0450, 8.3588, -21.0875 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(209, 242, 250)` looks like.

```
.text, #text, p{  
    color:rgb(209, 242, 250)  
}
```

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(209, 242, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 242, 250) }
```

Border

The CSS property to change the border of an element to YUV 233.0450, 8.3588, -21.0875 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(209, 242, 250) }
```


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

```
.border{ border-color:rgb(209, 242, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 242, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 242, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 242, 250);  
box-shadow:4px 4px 4px 4px rgb(209, 242,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 233.0450, 8.3588, -21.0875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 242, 250) }
```

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

```
.background{ background-color: rgb(209,  
242, 250) }
```

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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