

Converting Colors

YUV(198.0450, 18.2188,
-57.0445)

Have a look what the booklet for
YUV(198.0450, 18.2188, -57.0445)
contains.

YUV(198.0450, 18.2188, -57.0445)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(198.0450, 18.2188,
-57.0445)**

Conversions

Conversions Part 1

Format	Color
Hex	85E0EB
RGB	133, 224, 235
RGB Percent	52%, 88%, 92%
CMY	0.4784, 0.1216, 0.0784
CMYK	0.43, 0.05, 0.00, 0.08
HSL	186°, 72%, 72%
HSV	186°, 43%, 92%
XYZ	51.3239, 64.2960, 88.3026
YIQ	198.0450, -57.7670, -15.8710

Conversions

Conversions Part 2

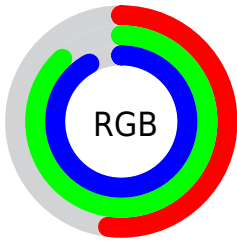
Format	Color
R_{YB}	133, 181, 235
Decimal	8773867
CIE _{Lab}	84.12, -24.39, -13.89
CIE _{LCh}	84, 28.069, 209.659
Yxy	64.2960, 0.2517, 0.3153
Android (android.graphics.Color)	4286963947 (0xFF85E0EB)
YUV	198.0450, 18.2188, -57.0445
Hunter-Lab	80.1848, -26.0708, -9.1631

Details

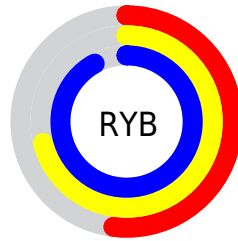
The YUV color **198.0450, 18.2188, -57.0445** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **169.9550, -18.2188, 57.0445**, and the grayscale version is **198.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.8640, 9.4340, -39.3457**, and **142.0340, 18.2242, -58.7888** is the 20% darker color. If you saturate the color by 10%, you get **189.4070, 22.4773, -69.6399**, and if you desaturate by 10%, it is **206.9820, 13.8129, -43.8342**.

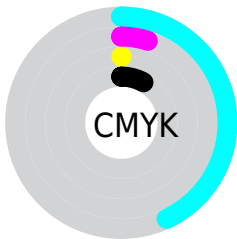
Distribution



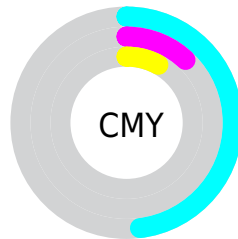
- Red (52%)
- Green (88%)
- Blue (92%)



- Red (52%)
- Yellow (71%)
- Blue (92%)



- Cyan (43%)
- Magenta (5%)
- Yellow (0%)
- Black (8%)



- Cyan (48%)
- Magenta (12%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.0450, 18.2188, -57.0445 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 198.0450, 18.2188, -57.0445 by changing the saturation by 10% instead.

■ 198.0450, 18.2188,
-57.0445

■ 198.0450, 18.2188,
-57.0445

255.0000, 0.0000,
0.0000

■ 169.7460, 18.3662,
-57.6592

■ 235.8640, 9.4340,
-39.3457

■ 142.0340, 18.2242,
-58.7888

■ 244.5350, 5.1592,
-21.5172

■ 113.3540, 19.5455,
-62.5775

■ 253.5050, 0.7370,
-3.0739

■ 82.5700, 21.9040,
-72.4139

■ 65.0450, 18.2188,
-57.0445

■ 48.2210, 14.6810,
-42.2898

■ 32.6850, 11.0013,

-28.6647

■ 17.8500, 7.4690,
-15.6544

■ 1.0260, 3.9312,
-0.8998

■ 198.0450, 18.2188,
-57.0445

■ 198.0450, 18.2188,
-57.0445

■ 189.4070, 22.4773,
-69.6399

■ 206.9820, 13.8129,
-43.8342

■ 181.0570, 26.5939,
-83.3650

■ 215.0330, 9.8437,
-30.7239

■ 172.4190, 30.8524,
-95.9605

■ 223.9700, 5.4378,
-17.5137

■ 164.0690, 34.9690,
-109.6855

■ 232.0210, 1.4686,
-4.4034

■ 155.4310, 39.2275,
-122.2810

■ 240.9580, -2.9373,
8.8068

■ 150.0600, 41.8754,
-131.6026

■ 243.3280, -4.1057,
10.2363

■ 245.0890, -4.9739,
8.6919

■ 246.2630, -5.5527,
7.6623

■ 248.0240, -6.4208,
6.1180

Harmonies

Analogous

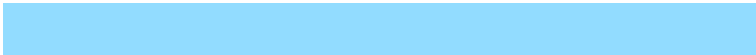
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



199.2560, 4.8038, -47.5825



198.0450, 18.2188, -57.0445



201.8640, 26.1960, -48.9927

Triad

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



198.0450, 18.2188, -57.0445



214.4390, 11.1226, 25.9250



208.7640, -25.5197, 18.6240

Complementary

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



198.0450, 18.2188, -57.0445



169.9550, -18.2188, 57.0445

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.



210.9710, -22.6637, 35.9824



198.0450, 18.2188, -57.0445



212.4160, -0.6981, 37.3462

Square

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



198.0450, 18.2188, -57.0445



212.2170, 21.0920, 1.5637



210.6260, -12.6336, 38.9160



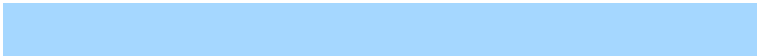
205.4730, -20.9392, -3.9228

Rectangle

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



198.0450, 18.2188, -57.0445



204.6100, 24.8423, -34.7380



210.6260, -12.6336, 38.9160



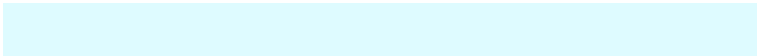
209.5090, -25.3939, 24.9866

Sweetspot

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



198.0450, 18.2188, -57.0445



242.7850, 6.0220, -18.2284



194.0140, -25.1499, -53.5093



119.9600, 3.9637, -11.3659



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.



198.0450, 18.2188, -57.0445



207.0150, 23.6566, -74.5582



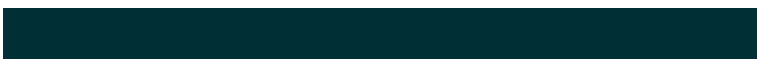
168.6950, 32.6884, -31.3045



113.1240, 1.9109, -6.2477



115.7280, 32.1791, -101.4935



34.3320, 9.6963, -30.1092

Inverse Universe

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



173.8720, 24.7131, 53.6093



175.3330, 32.3738, 69.8680



199.3050, -32.6884, 31.3045



110.4290, 2.7465, 5.7628



72.5870, 44.0806, 95.0782



21.6180, 13.0063, 28.3990

Previews

White Background



This preview shows how the YUV color 198.0450, 18.2188, -57.0445 looks on a white background.

Color Contrast Check

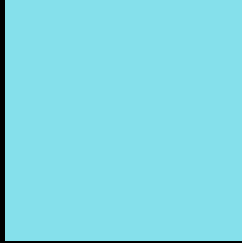
Large Text (above 18pt) WCAG AA × Fail

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 198.0450, 18.2188, -57.0445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

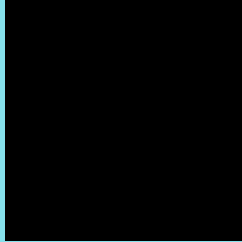
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 198.0450, 18.2188, -57.0445

Background



This preview shows how black text looks on a background with the YUV color 198.0450, 18.2188, -57.0445.



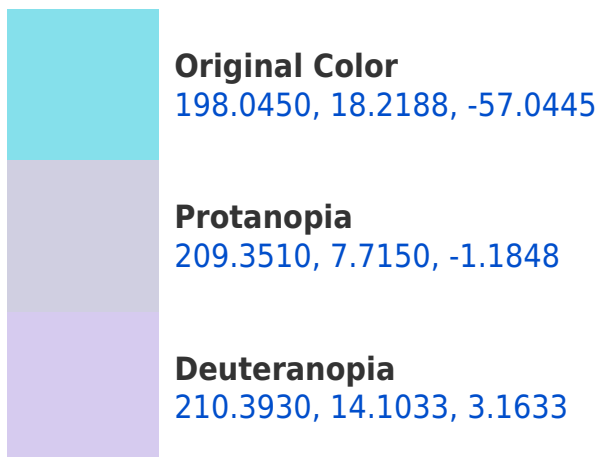
This preview shows how white text looks on a background with the YUV color 198.0450, 18.2188, -57.0445.

-57.0445.

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

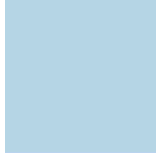
198.7400, 20.8342, -55.9000

Trichromacy



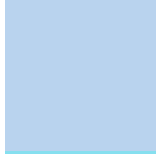
Original Color

198.0450, 18.2188, -57.0445



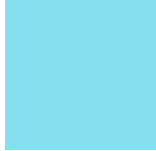
Protanomaly

205.2560, 11.7058, -21.2725



Deuteranomaly

206.3040, 15.6261, -18.6836



Tritanomaly

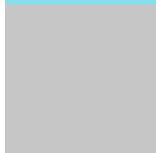
198.2130, 20.1080, -56.3148

Monochromacy



Original Color

198.0450, 18.2188, -57.0445



Achromatopsia

198.0000, 0.0000, 0.0000



Achromatomaly

197.5890, 6.6116, -20.6876

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.0450, 18.2188, -57.0445 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(133, 224, 235)` looks like.

```
.text, #text, p{  
    color:rgb(133, 224, 235)  
}
```

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(133, 224, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 224, 235) }
```

Border

The CSS property to change the border of an element to YUV 198.0450, 18.2188, -57.0445 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(133, 224, 235) }
```


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

```
.border{ border-color:rgb(133, 224, 235) }
```

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

Here you see how a box with a 4 pixel rgb(133, 224, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 224, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 224, 235);  
box-shadow:4px 4px 4px 4px rgb(133, 224,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 198.0450, 18.2188, -57.0445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 224, 235) }
```

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

```
.background{ background-color: rgb(133,  
224, 235) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor