

Converting Colors

YUV(196.5490, 3.6733,
-58.3635)

Have a look what the booklet for
YUV(196.5490, 3.6733, -58.3635)
contains.

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Color

**YUV(196.5490, 3.6733,
-58.3635)**

Conversions

Conversions Part 1

Format	Color
Hex	82E5CC
RGB	130, 229, 204
RGB Percent	51%, 90%, 80%
CMY	0.4902, 0.1020, 0.2000
CMYK	0.43, 0.00, 0.11, 0.10
HSL	165°, 66%, 70%
HSV	165°, 43%, 90%
XYZ	48.1243, 65.1441, 67.1644
YIQ	196.5490, -50.9790, -28.7630

Conversions

Conversions Part 2

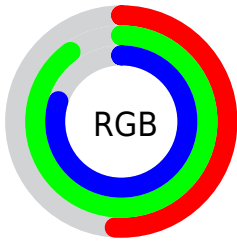
Format	Color
RYB	130, 187, 229
Decimal	8578508
CIELab	84.56, -34.92, 3.12
CIELCh	85, 35.063, 174.887
Yxy	65.1441, 0.2667, 0.3610
Android (android.graphics.Color)	4286768588 (0xFF82E5CC)
YUV	196.5490, 3.6733, -58.3635
Hunter-Lab	80.7119, -34.8155, 7.1601

Details

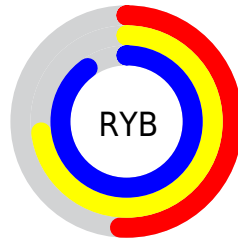
The YUV color $196.5490, 3.6733, -58.3635$ is a light color, and the websafe version is hex $66CCCC$. A complement of this color would be $162.4510, -3.6733, 58.3635$, and the grayscale version is $197.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $234.6680, 10.0237, -41.8048$, and $140.4780, 4.6943, -59.1782$ is the 20% darker color. If you saturate the color by 10%, you get $188.9880, 4.4429, -71.9035$, and if you desaturate by 10%, it is $204.1100, 2.9038, -44.8235$.

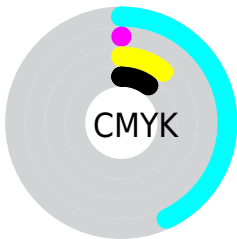
Distribution



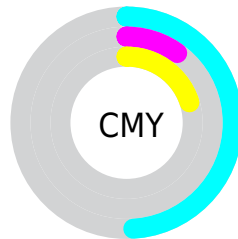
- Red (51%)
- Green (90%)
- Blue (80%)



- Red (51%)
- Yellow (73%)
- Blue (90%)



- Cyan (43%)
- Magenta (0%)
- Yellow (11%)
- Black (10%)



- Cyan (49%)
- Magenta (10%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.5490, 3.6733, -58.3635 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 196.5490, 3.6733, -58.3635 by changing the saturation by 10% instead.

 196.5490, 3.6733,
-58.3635

 196.5490, 3.6733,
-58.3635


255.0000, 0.0000,
0.0000


 168.6630, 4.1101,
-58.4635

 234.6680, 10.0237,
-41.8048


 140.4780, 4.6943,
-59.1782


 243.3390, 5.7489,
-23.9763

 112.0970, 5.8682,
-62.3521

 252.3090, 1.3267,
-5.5330

 81.7260, 8.5161,
-71.6737

 64.3150, 5.2677,
-56.4043

 47.1320, 2.8929,
-41.3348

 31.2370, 0.3762,

-27.3948

■ 15.5870, -3.7404,
-13.6698

■ 0.0000, 0.0000,
0.0000

■ 196.5490, 3.6733,
-58.3635

■ 196.5490, 3.6733,
-58.3635

■ 188.9880, 4.4429,
-71.9035

■ 204.1100, 2.9038,
-44.8235

■ 181.4270, 5.2125,
-85.4435

■ 211.6710, 2.1342,
-31.2835

■ 173.9800, 6.4189,
-99.0835

■ 219.1180, 0.9278,
-17.6435

■ 166.4190, 7.1884,
-112.6235

■ 226.6790, 0.1583,
-4.1035

■ 158.8580, 7.9580,
-126.1635

■ 234.2400, -0.6113,
9.4365

■ 153.9170, 8.4219,
-134.9852

■ 237.9140, 0.5354,
14.9844

■ 238.4840, 2.7194,
14.4845

■ 239.1680, 5.3402,
13.8847

■ 239.7380, 7.5242,
13.3848

Harmonies

Analogous

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



201.6160, -14.6007, -30.3582



196.5490, 3.6733, -58.3635



193.2490, 22.0622, -76.5174

Triad

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



196.5490, 3.6733, -58.3635



211.5970, 21.3977, -3.1546



209.3090, -25.2953, 40.0710

Complementary

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



196.5490, 3.6733, -58.3635



162.4510, -3.6733, 58.3635

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.



207.6910, -11.1867, 41.4900



196.5490, 3.6733, -58.3635



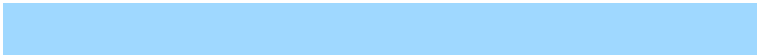
215.9430, 16.7901, 28.1140

Square

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



196.5490, 3.6733, -58.3635



203.4030, 25.4373, -38.9414



210.8660, 3.5171, 38.7055



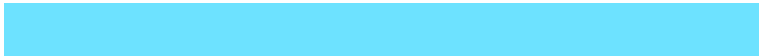
209.7990, -31.9459, 26.4863

Rectangle

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



196.5490, 3.6733, -58.3635



194.3230, 29.9138, -74.8283



210.8660, 3.5171, 38.7055



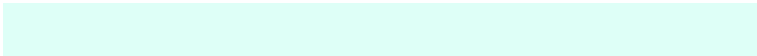
208.4600, -20.9328, 40.8156

Sweetspot

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



196.5490, 3.6733, -58.3635



244.2210, 1.3700, -19.4878



195.8870, -32.4823, -34.9809



121.0370, 0.4748, -12.3104



0.0000, 0.0000, 0.0000



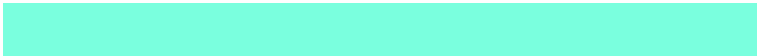
128.0000, 0.0000, 0.0000

Same Dimension

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



196.5490, 3.6733, -58.3635



211.4710, 5.1908, -78.4661



185.8980, 21.2493, -49.0225



111.0700, 0.4585, -7.0774



120.2350, 6.2931, -105.4461



34.2690, 1.8394, -30.0539

Inverse Universe

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



162.4510, -3.6733, 58.3635



165.6430, -4.7540, 78.3661



173.1020, -21.2493, 49.0225



106.9300, -0.4585, 7.0774



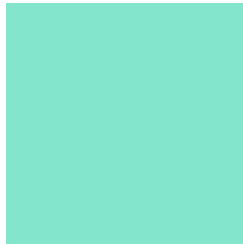
58.6510, -6.7299, 105.5461



16.7310, -1.8394, 30.0539

Previews

White Background



This preview shows how the YUV color 196.5490, 3.6733, -58.3635 looks on a white background.

Color Contrast Check

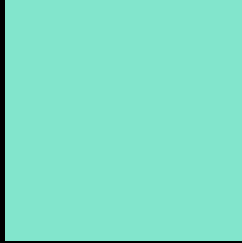
Large Text (above 18pt) WCAG AA × Fail

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 196.5490, 3.6733, -58.3635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

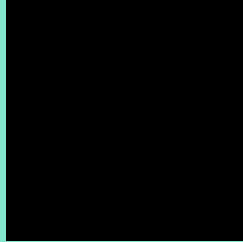
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 196.5490, 3.6733, -58.3635

Background



This preview shows how black text looks on a background with the YUV color 196.5490, 3.6733, -58.3635.



This preview shows how white text looks on a background with the YUV color 196.5490, 3.6733, -58.3635.

-58.3635.

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

196.5490, 3.6733, -58.3635

Protanopia

209.8670, -8.3154, 7.1326

Deuteranopia

211.7570, -1.3592, 15.9991



Tritanopia

200.9360, 20.2446, -53.4409

Trichromacy



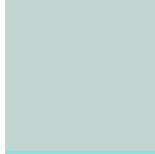
Original Color

196.5490, 3.6733, -58.3635



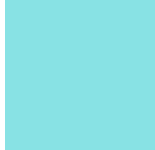
Protanomaly

204.8640, -3.8770, -16.5437



Deuteranomaly

206.0480, 0.4693, -10.5661



Tritanomaly

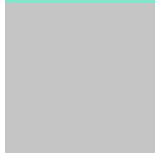
199.3180, 14.1402, -55.5299

Monochromacy



Original Color

196.5490, 3.6733, -58.3635



Achromatopsia

197.0000, 0.0000, 0.0000



Achromatomaly

197.2100, 1.3755, -21.2322

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.5490, 3.6733, -58.3635 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(130, 229, 204)` looks like.

```
.text, #text, p{  
    color:rgb(130, 229, 204)  
}
```

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(130, 229, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 229, 204) }
```

Border

The CSS property to change the border of an element to YUV 196.5490, 3.6733, -58.3635 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(130, 229, 204) }
```


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

```
.border{ border-color:rgb(130, 229, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 229, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 229, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 229, 204);  
box-shadow:4px 4px 4px 4px rgb(130, 229,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 196.5490, 3.6733, -58.3635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 229, 204) }
```

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

```
.background{ background-color: rgb(130,  
229, 204) }
```

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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