

Converting Colors

YUV(192.0810, -13.3509,
-57.9530)

Have a look what the booklet for
YUV(192.0810, -13.3509, -57.9530)
contains.

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Color

**YUV(192.0810, -13.3509,
-57.9530)**

Conversions

Conversions Part 1

Format	Color
Hex	7EE7A5
RGB	126, 231, 165
RGB Percent	49%, 91%, 65%
CMY	0.5059, 0.0941, 0.3529
CMYK	0.45, 0.00, 0.29, 0.09
HSL	142°, 69%, 70%
HSV	142°, 45%, 91%
XYZ	43.9716, 64.3041, 45.6917
YIQ	192.0810, -41.3940, -42.7860

Conversions

Conversions Part 2

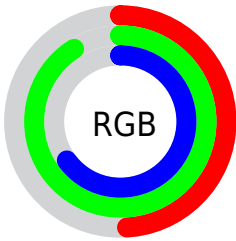
Format	Color
RYB	126, 203, 231
Decimal	8316837
CIELab	84.12, -44.86, 22.89
CIELCh	84, 50.365, 152.965
Yxy	64.3041, 0.2856, 0.4176
Android (android.graphics.Color)	4286506917 (0xFF7EE7A5)
YUV	192.0810, -13.3509, -57.9530
Hunter-Lab	80.1898, -42.4527, 22.3498

Details

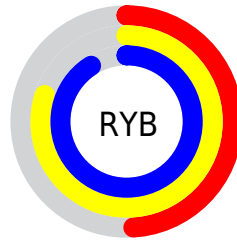
The YUV color **192.0810, -13.3509, -57.9530** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **164.9190, 13.3509, 57.9530**, and the grayscale version is **192.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.4820, -4.6746, -40.7647**, and **135.9390, -11.3089, -59.5825** is the 20% darker color. If you saturate the color by 10%, you get **183.4940, -16.5125, -70.5932**, and if you desaturate by 10%, it is **200.6680, -10.1893, -45.3128**.

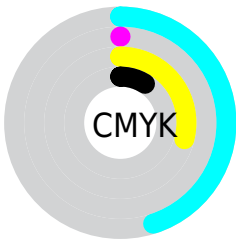
Distribution



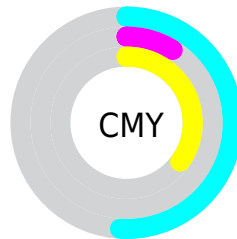
- Red (49%)
- Green (91%)
- Blue (65%)



- Red (49%)
- Yellow (80%)
- Blue (91%)



- Cyan (45%)
- Magenta (0%)
- Yellow (29%)
- Black (9%)



- Cyan (51%)
- Magenta (9%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 192.0810, -13.3509, -57.9530 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 192.0810, -13.3509, -57.9530 by changing the saturation by 10% instead.

■ 192.0810,
-13.3509, -57.9530

■ 192.0810,
-13.3509, -57.9530

255.0000, 0.0000,
0.0000

■ 164.1950,
-12.9141, -58.0530

■ 229.4820, -4.6746,
-40.7647

■ 135.9390,
-11.3089, -59.5825

■ 241.4590, 3.7177,
-25.8355

■ 107.3730, -9.5509,
-63.4711

■ 251.1130, 1.9163,
-7.9921

■ 78.3230, -7.0612,
-68.6893

■ 61.0260, -9.8728,
-53.5198

■ 43.8430, -12.2476,
-38.4503

■ 28.1760, -13.8908,

-24.7104

■ 13.5010, -6.6560,
-11.8404

■ 0.0000, 0.0000,
0.0000

■ 192.0810,
-13.3509, -57.9530

■ 192.0810,
-13.3509, -57.9530

■ 183.4940,
-16.5125, -70.5932

■ 200.6680,
-10.1893, -45.3128

■ 175.0210,
-19.2374, -83.3334

■ 209.1410, -7.4645,
-32.5727

■ 166.4340,
-22.3990, -95.9736

■ 217.7280, -4.3029,
-19.9325

■ 157.9610,
-25.1238, -108.7138

■ 226.2010, -1.5781,
-7.1923

■ 149.0750,
-28.1380, -121.9688

■ 235.0870, 1.4361,
6.0627

■ 145.4010,
-29.2847, -127.5167

■ 240.5700, 5.6350,
12.6551

■ 240.9120, 6.9454,
12.3552

Harmonies

Analogous

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



200.2210, -35.6050, -13.3488



192.0810, -13.3509, -57.9530



170.8980, 20.7563, -124.4445

Triad

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



192.0810, -13.3509, -57.9530



196.8580, 28.6640, -47.2335



198.4980, -18.4865, 49.5523

Complementary

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



192.0810, -13.3509, -57.9530



164.9190, 13.3509, 57.9530

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.



200.2200, 3.3425, 48.0421



192.0810, -13.3509, -57.9530



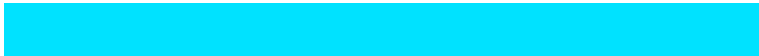
210.2010, 22.0859, 9.4707

Square

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



192.0810, -13.3509, -57.9530



161.7320, 45.9811, -141.8390



210.2740, 21.5569, 39.2247



203.3130, -38.1153, 45.3295

Rectangle

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



192.0810, -13.3509, -57.9530



165.2880, 39.2980, -144.9576



210.2740, 21.5569, 39.2247



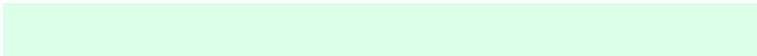
198.3330, -11.5032, 49.6970

Sweetspot

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



192.0810, -13.3509, -57.9530



241.7280, -4.3029, -19.9325



207.6680, -40.2623, -12.8638



119.8260, -2.8722, -12.1254



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.



192.0810, -13.3509, -57.9530



203.1080, -17.8012, -77.2707



198.0090, 9.3626, -63.1519



110.6140, -1.2887, -6.6775



112.5970, -22.9723, -98.7476



32.1030, -6.4598, -28.1543

Inverse Universe

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



164.9190, 13.3509, 57.9530



166.8920, 17.8012, 77.2707



158.9910, -9.3626, 63.1519



107.3860, 1.2887, 6.6775



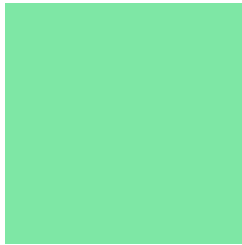
66.2890, 22.5355, 98.8475



18.8970, 6.4598, 28.1543

Previews

White Background



This preview shows how the YUV color 192.0810, -13.3509, -57.9530 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 192.0810, -13.3509, -57.9530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

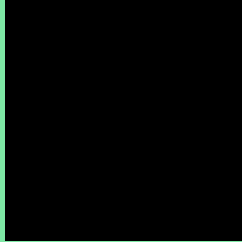
Any Text WCAG AA ✓ Pass

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 192.0810, -13.3509, -57.9530 Background



This preview shows how black text looks on a background with the YUV color 192.0810, -13.3509, -57.9530.



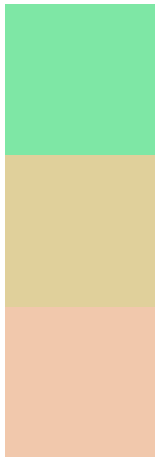
This preview shows how white text looks on a background with the YUV color 192.0810, -13.3509, -57.9530.

-57.9530.

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

192.0810, -13.3509, -57.9530

Protanopia

206.7420, -25.5088, 15.1353

Deuteranopia

209.0670, -18.2740, 28.0052



Tritanopia

200.0290, 19.2127, -49.1374

Trichromacy



Original Color

192.0810, -13.3509, -57.9530



Protanomaly

201.1300, -20.7701, -11.5150



Deuteranomaly

202.6240, -16.5766, -3.1782



Tritanomaly

197.2060, 7.2934, -52.8007

Monochromacy



Original Color

192.0810, -13.3509, -57.9530



Achromatopsia

192.0000, 0.0000, 0.0000



Achromatomaly

191.9020, -4.8817, -20.9621

CSS Examples

Text

The CSS property to change the color of the text to YUV 192.0810, -13.3509, -57.9530 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(126, 231, 165)` looks like.

```
.text, #text, p{  
    color:rgb(126, 231, 165)  
}
```

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(126, 231, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 231, 165) }
```

Border

The CSS property to change the border of an element to YUV 192.0810, -13.3509, -57.9530 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(126, 231, 165) }
```


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

```
.border{ border-color:rgb(126, 231, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 231, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 231, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 231, 165);  
box-shadow:4px 4px 4px 4px rgb(126, 231,  
165) }
```

Background

The CSS property to change the background color of an element to YUV 192.0810, -13.3509, -57.9530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 231, 165) }
```

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

```
.background{ background-color: rgb(126,  
231, 165) }
```

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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