

Converting Colors

YUV(188.5810, 25.3496,
-57.5145)

Have a look what the booklet for
YUV(188.5810, 25.3496, -57.5145)
contains.

YUV(188.5810, 25.3496, -57.5145)	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(188.5810, 25.3496,
-57.5145)**

Conversions

Conversions Part 1

Format	Color
Hex	7BD4F0
RGB	123, 212, 240
RGB Percent	48%, 83%, 94%
CMY	0.5176, 0.1686, 0.0588
CMYK	0.49, 0.12, 0.00, 0.06
HSL	194°, 80%, 71%
HSV	194°, 49%, 94%
XYZ	47.4400, 57.5892, 91.0535
YIQ	188.5810, -62.0320, -10.1600

Conversions

Conversions Part 2

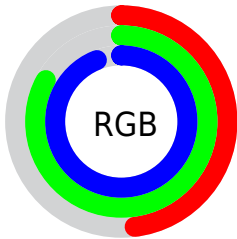
Format	Color
RYB	123, 174, 240
Decimal	8115440
CIELab	80.51, -19.37, -22.03
CIElCh	81, 29.337, 228.672
Yxy	57.5892, 0.2419, 0.2937
Android (android.graphics.Color)	4286305520 (0xFF7BD4F0)
YUV	188.5810, 25.3496, -57.5145
Hunter-Lab	75.8875, -21.2164, -18.0177

Details

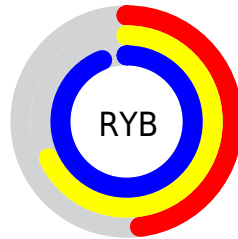
The YUV color **188.5810, 25.3496, -57.5145** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **174.4190, -25.3496, 57.5145**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.8740, 10.9081, -45.4935**, and **131.6730, 25.7972, -61.1032** is the 20% darker color. If you saturate the color by 10%, you get **177.8830, 30.6237, -69.1804**, and if you desaturate by 10%, it is **199.2790, 20.0755, -45.8487**.

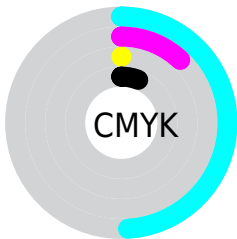
Distribution



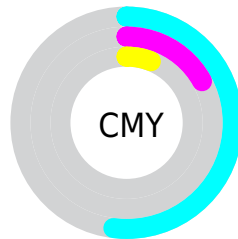
- Red (48%)
- Green (83%)
- Blue (94%)



- Red (48%)
- Yellow (68%)
- Blue (94%)



- Cyan (49%)
- Magenta (12%)
- Yellow (0%)
- Black (6%)



- Cyan (52%)
- Magenta (17%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.5810, 25.3496, -57.5145 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 188.5810, 25.3496, -57.5145 by changing the saturation by 10% instead.

■ 188.5810, 25.3496,
-57.5145

■ 188.5810, 25.3496,
-57.5145

■ 255.0000, 0.0000,
0.0000

■ 159.9830, 25.6444,
-58.7441

■ 232.8740, 10.9081,
-45.4935

■ 131.6730, 25.7972,
-61.1032

■ 241.8440, 6.4859,
-27.0502

■ 101.0740, 27.5715,
-70.2249

■ 250.8140, 2.0637,
-8.6069

■ 77.1560, 26.5451,
-67.6658

■ 59.6310, 22.8599,
-52.2964

■ 43.2800, 18.5960,
-37.9566

■ 27.7440, 14.9162,

-24.3315

■ 7.7400, 14.4252,
-6.7880

■ 2.0690, 5.3890,
-1.8145

■ 188.5810, 25.3496,
-57.5145

■ 188.5810, 25.3496,
-57.5145

■ 177.8830, 30.6237,
-69.1804

■ 199.2790, 20.0755,
-45.8487

■ 167.7720, 35.6084,
-81.3610

■ 209.3900, 15.0907,
-33.6680

■ 157.0740, 40.8825,
-93.0269

■ 220.0880, 9.8166,
-22.0022

■ 146.3760, 46.1566,
-104.6928

■ 230.7860, 4.5425,
-10.3363

■ 135.6780, 51.4307,
-116.3586

■ 241.4840, -0.7316,
1.3295

■ 134.7810, 51.8730,
-118.2029

■ 248.0070, -3.9475,
6.1329

■ 251.5290, -5.6838,
3.0441

■ 253.2900, -6.5520,
1.4997

Harmonies

Analogous

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



186.7090, 14.4405, -58.5038



188.5810, 25.3496, -57.5145



194.3260, 28.9263, -37.9969

Triad

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



188.5810, 25.3496, -57.5145



204.4530, 3.2277, 38.1907



196.4310, -23.8765, 4.8840

Complementary

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



188.5810, 25.3496, -57.5145



174.4190, -25.3496, 57.5145

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.



198.9930, -26.1255, 26.3161



188.5810, 25.3496, -57.5145



202.7670, -9.7451, 45.8083

Square

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



188.5810, 25.3496, -57.5145



203.9480, 15.8016, 18.4626



201.8730, -20.6434, 41.3304



192.9810, -14.7806, -19.2773

Rectangle

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



188.5810, 25.3496, -57.5145



199.2790, 26.9775, -19.5387



201.8730, -20.6434, 41.3304



197.9050, -26.0822, 12.3613

Sweetspot

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



188.5810, 25.3496, -57.5145



238.3550, 8.2060, -18.7283



194.7570, -22.0652, -62.9309



117.6010, 5.1267, -11.0511



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.



188.5810, 25.3496, -57.5145



189.0180, 32.5291, -73.6838



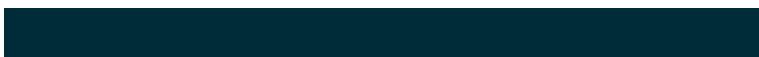
154.5350, 42.1342, -27.6562



114.6510, 2.6371, -5.8329



103.1560, 39.8561, -90.4678



31.6250, 12.0169, -27.7351

Inverse Universe

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



168.1290, 21.6284, 63.0309



162.8460, 27.6839, 80.8191



208.4650, -42.1342, 27.6562



112.6140, 2.1623, 6.4775



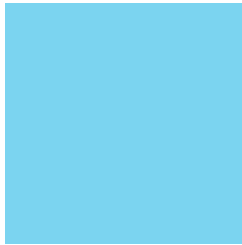
70.9760, 34.0288, 99.1220



21.6460, 10.5275, 30.1285

Previews

White Background



This preview shows how the YUV color 188.5810, 25.3496, -57.5145 looks on a white background.

Color Contrast Check

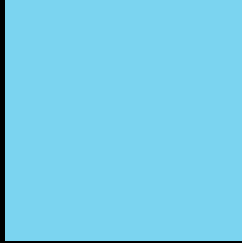
Large Text (above 18pt) WCAG AA × Fail

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 188.5810, 25.3496, -57.5145 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 188.5810, 25.3496, -57.5145 Background



This preview shows how black text looks on a background with the YUV color 188.5810, 25.3496, -57.5145.



This preview shows how white text looks on a background with the YUV color 188.5810, 25.3496, -57.5145.

-57.5145.

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

188.5810, 25.3496, -57.5145

Protanopia

199.5660, 15.0040, -5.7584

Deuteranopia

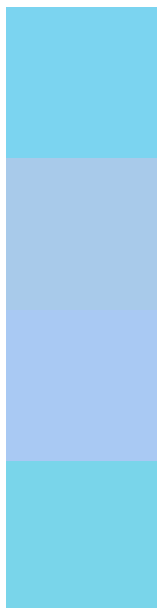
200.5860, 21.4031, -4.8989



Tritanopia

187.8320, 21.2818, -59.4887

Trichromacy



Original Color

188.5810, 25.3496, -57.5145

Protanomaly

195.4820, 18.9894, -24.1017

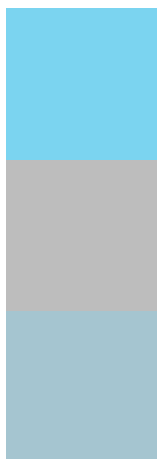
Deuteranomaly

196.2200, 23.0625, -23.8719

Tritanomaly

187.8860, 22.7342, -58.6590

Monochromacy



Original Color

188.5810, 25.3496, -57.5145

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

188.6860, 9.5218, -20.7726

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.5810, 25.3496, -57.5145 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(123, 212, 240)` looks like.

```
.text, #text, p{  
    color:rgb(123, 212, 240)  
}
```

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(123, 212, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 212, 240) }
```

Border

The CSS property to change the border of an element to YUV 188.5810, 25.3496, -57.5145 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(123, 212, 240) }
```


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

```
.border{ border-color:rgb(123, 212, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 212, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 212, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 212, 240);  
box-shadow:4px 4px 4px 4px rgb(123, 212,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 188.5810, 25.3496, -57.5145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 212, 240) }
```

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

```
.background{ background-color: rgb(123,  
212, 240) }
```

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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