

Converting Colors

YUV(157.2260, -6.5204,
-55.4492)

Have a look what the booklet for
YUV(157.2260, -6.5204, -55.4492)
contains.

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Color

**YUV(157.2260, -6.5204,
-55.4492)**

Conversions

Conversions Part 1

Format	Color
Hex	5EC090
RGB	94, 192, 144
RGB Percent	37%, 75%, 56%
CMY	0.6314, 0.2471, 0.4353
CMYK	0.51, 0.00, 0.25, 0.25
HSL	151°, 44%, 56%
HSV	151°, 51%, 75%
XYZ	28.4998, 42.0926, 33.0081
YIQ	157.2260, -43.0000, -35.7040

Conversions

Conversions Part 2

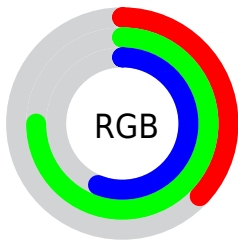
Format	Color
RYB	94, 159, 192
Decimal	6209680
CIELab	70.93, -40.06, 15.53
CIELCh	71, 42.964, 158.805
Yxy	42.0926, 0.2751, 0.4063
Android (android.graphics.Color)	4284399760 (0xFF5EC090)
YUV	157.2260, -6.5204, -55.4492
Hunter-Lab	64.8788, -35.1269, 15.2504

Details

The YUV color **157.2260, -6.5204, -55.4492** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **128.7740, 6.5204, 55.4492**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.5850, -7.6834, -55.7640**, and **101.4750, -4.1782, -60.0526** is the 20% darker color. If you saturate the color by 10%, you get **150.5190, -7.6509, -66.2302**, and if you desaturate by 10%, it is **163.9330, -5.3900, -44.6682**.

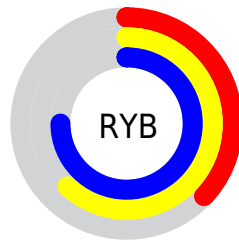
Distribution



Red (37%)

Green (75%)

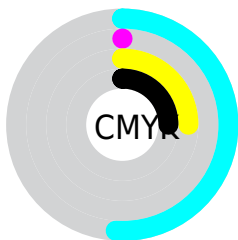
Blue (56%)



Red (37%)

Yellow (62%)

Blue (75%)

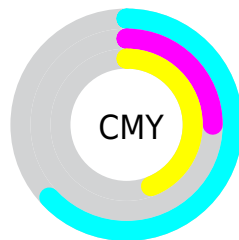


Cyan (51%)

Magenta (0%)

Yellow (25%)

Black (25%)



Cyan (63%)

Magenta (25%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.2260, -6.5204, -55.4492 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 157.2260, -6.5204, -55.4492 by changing the saturation by 10% instead.

■ 157.2260, -6.5204,
-55.4492

■ 157.2260, -6.5204,
-55.4492

255.0000, 0.0000,
0.0000

■ 129.1550, -5.4994,
-56.2639

■ 213.5850, -7.6834,
-55.7640

■ 101.4750, -4.1782,
-60.0526

■ 228.9700, -1.4642,
-43.8237

■ 73.7240, -1.8359,
-64.6559

■ 240.9470, 6.9281,
-28.8945

■ 56.4270, -4.6475,
-49.4865

■ 249.6180, 2.6533,
-11.0660

■ 39.3580, -6.5855,
-34.5170

■ 24.0670, -11.8650,
-21.1068

■ 3.5220, -1.7363,

-3.0888

■ 0.0000, 0.0000,
0.0000

■ 157.2260, -6.5204,
-55.4492

■ 157.2260, -6.5204,
-55.4492

■ 150.5190, -7.6509,
-66.2302

■ 163.9330, -5.3900,
-44.6682

■ 143.6980, -9.2181,
-76.9111

■ 170.7540, -3.8227,
-33.9873

■ 136.6920,
-10.2012, -88.3069

■ 177.7600, -2.8397,
-22.5915

■ 129.8710,
-11.7684, -98.9879

■ 184.5810, -1.2724,
-11.9105

■ 123.8760,
-12.7569, -108.6393

■ 191.2880, -0.1420,
-1.1296

■ 197.9950, 0.9885,
9.6514

■ 204.8160, 2.5557,
20.3324

■ 211.8220, 3.5388,
31.7281

■ 215.0550, 6.8749,
35.0318

Harmonies

Analogous

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



165.1910, -26.7162, -17.7075



157.2260, -6.5204, -55.4492



134.8540, 24.2290, -118.2670

Triad

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



157.2260, -6.5204, -55.4492



170.5190, 39.6771, -32.9042



174.7830, -24.0500, 60.7033

Complementary

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



157.2260, -6.5204, -55.4492



128.7740, 6.5204, 55.4492

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.



176.0880, -6.4524, 63.0668



157.2260, -6.5204, -55.4492



177.8300, 28.1848, 13.3041

Square

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



157.2260, -6.5204, -55.4492



150.9910, 46.8394, -90.3231



178.2120, 12.2205, 47.1721



172.9860, -35.4891, 42.9853

Rectangle

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



157.2260, -6.5204, -55.4492



137.2310, 35.8751, -120.3516



178.2120, 12.2205, 47.1721



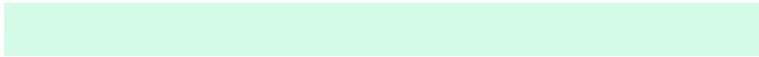
174.9990, -18.2405, 64.0219

Sweetspot

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



157.2260, -6.5204, -55.4492



236.5860, -2.2609, -21.5619



166.1770, -35.5833, -20.3262



116.8690, -1.4144, -13.0401



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



157.2260, -6.5204, -55.4492



195.7030, -10.2066, -86.5625



162.6980, 14.4459, -60.2481



93.4400, -0.7099, -5.6479



103.8550, -10.7745, -91.0808



21.3090, -2.1243, -18.6880

Inverse Universe

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



128.7740, 6.5204, 55.4492



151.2970, 10.2066, 86.5625



123.3020, -14.4459, 60.2481



90.5600, 0.7099, 5.6479



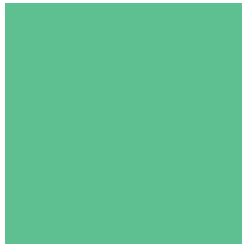
57.1450, 10.7745, 91.0808



11.6910, 2.1243, 18.6880

Previews

White Background



This preview shows how the YUV color 157.2260, -6.5204, -55.4492 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 157.2260, -6.5204, -55.4492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

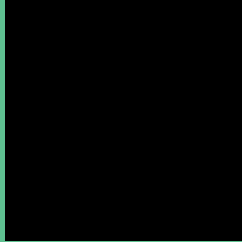
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 157.2260, -6.5204, -55.4492

Background



This preview shows how black text looks on a background with the YUV color 157.2260, -6.5204, -55.4492.



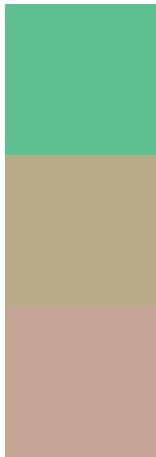
This preview shows how white text looks on a background with the YUV color 157.2260, -6.5204,

-55.4492.

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

157.2260, -6.5204, -55.4492

Protanopia

171.3700, -17.9304, 11.0765

Deuteranopia

173.4450, -11.5584, 20.6577



Tritanopia

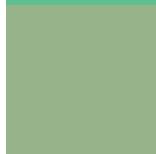
163.9860, 17.7549, -48.2227

Trichromacy



Original Color

157.2260, -6.5204, -55.4492



Protanomaly

165.9540, -13.7813, -13.1147



Deuteranomaly

167.4370, -9.5824, -6.5222



Tritanomaly

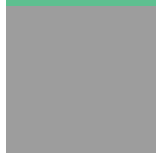
161.9720, 8.8878, -50.8414

Monochromacy



Original Color

157.2260, -6.5204, -55.4492



Achromatopsia

157.0000, 0.0000, 0.0000



Achromatomaly

157.1840, -2.5557, -20.3324

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.2260, -6.5204, -55.4492 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(94, 192, 144)` looks like.

```
.text, #text, p{  
    color:rgb(94, 192, 144)  
}
```

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(94, 192, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 192, 144) }
```

Border

The CSS property to change the border of an element to YUV 157.2260, -6.5204, -55.4492 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(94, 192, 144) }
```


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

```
.border{ border-color:rgb(94, 192, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 192, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 192, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 192, 144);  
box-shadow:4px 4px 4px 4px rgb(94, 192,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 157.2260, -6.5204, -55.4492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 192, 144) }
```

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

```
.background{ background-color: rgb(94, 192,  
144) }
```

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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