

Converting Colors

YUV(95.1930, 13.7089,
-57.1743)

Have a look what the booklet for
YUV(95.1930, 13.7089, -57.1743)
contains.

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Color

**YUV(95.1930, 13.7089,
-57.1743)**

Conversions

Conversions Part 1

Format	Color
Hex	1E7B7B
RGB	30, 123, 123
RGB Percent	12%, 48%, 48%
CMY	0.8824, 0.5176, 0.5176
CMYK	0.76, 0.00, 0.00, 0.52
HSL	180°, 61%, 30%
HSV	180°, 76%, 48%
XYZ	11.1935, 15.8720, 21.2125
YIQ	95.1930, -55.4280, -19.7160

Conversions

Conversions Part 2

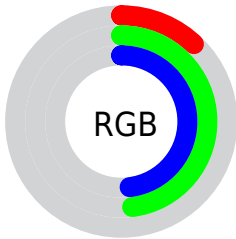
Format	Color
R_{YB}	30, 77, 123
Decimal	1997691
CIE _{Lab}	46.81, -25.63, -7.66
CIE _{LCh}	47, 26.752, 196.629
Yxy	15.8720, 0.2319, 0.3288
Android (android.graphics.Color)	4280187771 (0xFF1E7B7B)
YUV	95.1930, 13.7089, -57.1743
Hunter-Lab	39.8397, -19.5673, -3.6810

Details

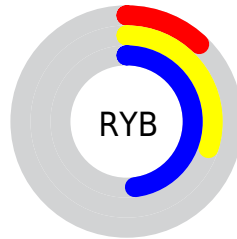
The YUV color **95.1930, 13.7089, -57.1743** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **57.8070, -13.7089, 57.1743**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.4710, 12.0928, -52.1561**, and **51.8740, 10.9081, -45.4935** is the 20% darker color. If you saturate the color by 10%, you get **91.6050, 15.4777, -64.5516**, and if you desaturate by 10%, it is **98.7810, 11.9400, -49.7969**.

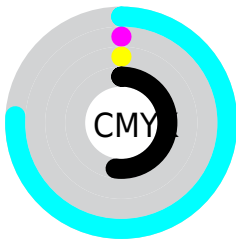
Distribution



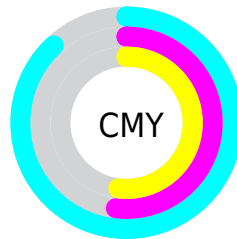
- Red (12%)
- Green (48%)
- Blue (48%)



- Red (12%)
- Yellow (30%)
- Blue (48%)



- Cyan (76%)
- Magenta (0%)
- Yellow (0%)
- Black (52%)



- Cyan (88%)
- Magenta (52%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.1930, 13.7089, -57.1743 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 95.1930, 13.7089, -57.1743 by changing the saturation by 10% instead.

■ 95.1930, 13.7089,
-57.1743

■ 95.1930, 13.7089,
-57.1743

■ 255.0000, 0.0000,
0.0000

■ 68.6980, 14.4459,
-60.2481

■ 150.4710, 12.0928,
-52.1561

■ 51.8740, 10.9081,
-45.4935

■ 178.4710, 12.0928,
-52.1561

■ 35.2780, 8.2439,
-30.9388

■ 206.7700, 11.9454,
-51.5413

■ 21.7310, 4.5696,
-19.0581

■ 231.3790, 11.6452,
-48.5674

■ 0.5700, 2.1840,
-0.4999

■ 240.0500, 7.3704,
-30.7388

■ 0.0000, 0.0000,
0.0000

■ 248.7210, 3.0955,

-12.9103

■ 95.1930, 13.7089,
-57.1743

■ 95.1930, 13.7089,
-57.1743

■ 91.6050, 15.4777,
-64.5516

■ 98.7810, 11.9400,
-49.7969

■ 87.7180, 17.3940,
-72.5437

■ 102.6680, 10.0237,
-41.8048

■ 86.2230, 18.1311,
-75.6176

■ 106.2560, 8.2548,
-34.4275

■ 109.8440, 6.4859,
-27.0502

■ 113.4320, 4.7170,
-19.6729

■ 117.3190, 2.8007,
-11.6808

■ 120.9070, 1.0318,
-4.3034

■ 124.4950, -0.7370,
3.0739

■ 128.3820, -2.6533,
11.0660

Harmonies

Analogous

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



100.9540, -0.4703, -35.9167



95.1930, 13.7089, -57.1743



95.1030, 23.6132, -60.6033

Triad

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



95.1930, 13.7089, -57.1743



114.0460, 13.7813, 13.1147



110.2250, -21.3099, 21.7277

Complementary

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



95.1930, 13.7089, -57.1743



57.8070, -13.7089, 57.1743

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.



111.9690, -16.2537, 33.3532



95.1930, 13.7089, -57.1743



113.9250, 3.9810, 29.8838

Square

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



95.1930, 13.7089, -57.1743



111.1400, 21.1300, -10.6468



112.8090, -6.8078, 37.0015



108.3430, -20.3821, 4.0842

Rectangle

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



95.1930, 13.7089, -57.1743



101.2450, 25.0222, -45.8189



112.8090, -6.8078, 37.0015



110.6000, -20.0158, 26.6608

Sweetspot

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



95.1930, 13.7089, -57.1743



149.9370, 5.4541, -22.7467



84.5910, -26.9134, -47.8763



75.1230, 3.3904, -14.1399



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



95.1930, 13.7089, -57.1743



117.0470, 21.6688, -90.3722



67.6040, 27.3102, -32.9787



59.2060, 0.8844, -3.6887



87.6250, 18.4259, -76.8471



176.6520, 37.1466, -154.9238

Inverse Universe

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



68.4090, 26.9134, 47.8763



74.7110, 42.5405, 75.6755



84.8090, -27.0208, 33.4935



57.4780, 1.7363, 3.0888



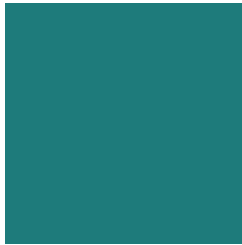
51.6250, 36.1739, 64.3499



104.0760, 72.9265, 129.7293

Previews

White Background



This preview shows how the YUV color 95.1930, 13.7089, -57.1743 looks on a white 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 × Fail

Black Background



This preview shows how the YUV color 95.1930, 13.7089, -57.1743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

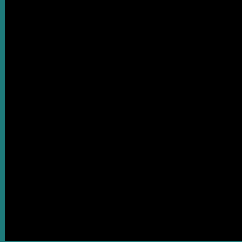
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.1930, 13.7089, -57.1743 Background



This preview shows how black text looks on a background with the YUV color 95.1930, 13.7089, -57.1743.

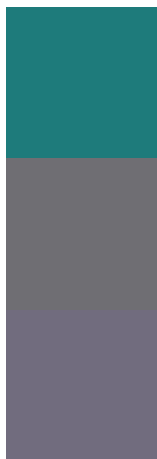


This preview shows how white text looks on a background with the YUV color 95.1930, 13.7089,

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

95.1930, 13.7089, -57.1743

Protanopia

110.8690, 2.0366, 0.1149

Deuteranopia

111.5470, 7.1253, 1.2743



Tritanopia

97.4260, 17.0450, -53.8706

Trichromacy



Original Color

95.1930, 13.7089, -57.1743

Protanomaly

105.4750, 6.1748, -20.5876

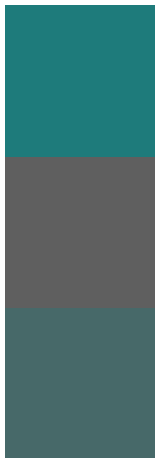
Deuteranomaly

105.3980, 9.6638, -19.6430

Tritanomaly

96.4860, 16.0294, -54.8002

Monochromacy



Original Color

95.1930, 13.7089, -57.1743

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.8340, 5.0118, -20.9024

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.1930, 13.7089, -57.1743 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(30, 123, 123)` looks like.

```
.text, #text, p{  
    color:rgb(30, 123, 123)  
}
```

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(30, 123, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 123, 123) }
```

Border

The CSS property to change the border of an element to YUV 95.1930, 13.7089, -57.1743 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(30, 123, 123) }
```


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

```
.border{ border-color:rgb(30, 123, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 123, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 123, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 123, 123);  
box-shadow:4px 4px 4px 4px rgb(30, 123,  
123) }
```

Background

The CSS property to change the background color of an element to YUV 95.1930, 13.7089, -57.1743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 123, 123) }
```

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

```
.background{ background-color: rgb(30, 123,  
123) }
```

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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