

Converting Colors

YUV(93.1950, 7.2989, -54.5450)

Have a look what the booklet for
YUV(93.1950, 7.2989, -54.5450)
contains.

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Color

**YUV(93.1950, 7.2989,
-54.5450)**

Conversions

Conversions Part 1

Format	Color
Hex	1F7A6C
RGB	31, 122, 108
RGB Percent	12%, 48%, 42%
CMY	0.8784, 0.5216, 0.5765
CMYK	0.75, 0.00, 0.11, 0.52
HSL	171°, 59%, 30%
HSV	171°, 75%, 48%
XYZ	10.2314, 15.2931, 16.6000
YIQ	93.1950, -49.7420, -23.6460

Conversions

Conversions Part 2

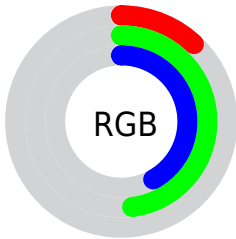
Format	Color
R_{YB}	31, 80, 122
Decimal	2062956
CIE _{Lab}	46.03, -29.53, 0.11
CIE _{LCh}	46, 29.535, 179.785
Yxy	15.2931, 0.2429, 0.3630
Android (android.graphics.Color)	4280253036 (0xFF1F7A6C)
YUV	93.1950, 7.2989, -54.5450
Hunter-Lab	39.1064, -21.7353, 2.2069

Details

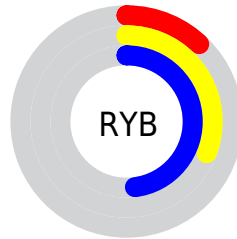
The YUV color **93.1950, 7.2989, -54.5450** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **59.8050, -7.2989, 54.5450**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.7610, 5.5408, -50.6564**, and **49.2180, 5.8085, -43.1642** is the 20% darker color. If you saturate the color by 10%, you get **89.3790, 8.1942, -61.7224**, and if you desaturate by 10%, it is **97.0110, 6.4036, -47.3676**.

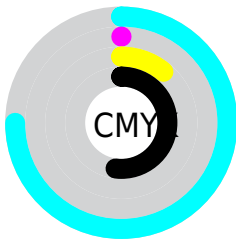
Distribution



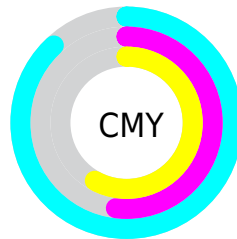
- Red (12%)
- Green (48%)
- Blue (42%)



- Red (12%)
- Yellow (31%)
- Blue (48%)



- Cyan (75%)
- Magenta (0%)
- Yellow (11%)
- Black (52%)



- Cyan (88%)
- Magenta (52%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.1950, 7.2989, -54.5450 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 93.1950, 7.2989, -54.5450 by changing the saturation by 10% instead.

93.1950, 7.2989,
-54.5450

93.1950, 7.2989,
-54.5450

255.0000, 0.0000,
0.0000

66.5150, 8.6201,
-58.3337

147.7610, 5.5408,
-50.6564

49.2180, 5.8085,
-43.1642

175.6470, 5.1040,
-50.5564

33.2090, 2.8550,
-29.1243

203.6470, 5.1040,
-50.5564

19.6620, -0.8194,
-17.2436

229.2990, 6.2616,
-48.4972

0.0000, 0.0000,
0.0000

239.4520, 7.6652,
-31.9684

248.1230, 3.3904,

-14.1399

■ 93.1950, 7.2989,
-54.5450

■ 93.1950, 7.2989,
-54.5450

■ 89.3790, 8.1942,
-61.7224

■ 97.0110, 6.4036,
-47.3676

■ 85.5630, 9.0894,
-68.8998

■ 100.8270, 5.5083,
-40.1903

■ 83.3560, 9.6845,
-73.1032

■ 104.9420, 4.4656,
-32.3981

■ 108.7580, 3.5703,
-25.2208

■ 112.4600, 2.2382,
-17.9434

■ 116.2760, 1.3429,
-10.7661

■ 120.0920, 0.4476,
-3.5887

■ 124.2070, -0.5951,
4.2035

■ 128.0230, -1.4903,
11.3808

Harmonies

Analogous

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



100.8320, -8.7912, -27.0397



93.1950, 7.2989, -54.5450



86.7760, 22.7884, -76.1026

Triad

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



93.1950, 7.2989, -54.5450



110.9780, 20.2238, 0.0193



109.1060, -20.7583, 31.4790

Complementary

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



93.1950, 7.2989, -54.5450



59.8050, -7.2989, 54.5450

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.



110.4520, -12.0548, 39.9456



93.1950, 7.2989, -54.5450



112.3140, 10.6912, 24.2806

Square

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



93.1950, 7.2989, -54.5450



104.9850, 26.1364, -29.8048



111.1280, -0.5561, 38.4757



106.9100, -23.6196, 15.8649

Rectangle

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



93.1950, 7.2989, -54.5450



87.0840, 29.0456, -76.3727



111.1280, -0.5561, 38.4757



109.4100, -18.4431, 35.5974

Sweetspot

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



93.1950, 7.2989, -54.5450



146.9650, 2.9753, -21.0173



88.9020, -28.5457, -37.6251



72.3790, 1.7852, -12.6104



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



93.1950, 7.2989, -54.5450



113.0340, 11.3222, -85.0988



77.1810, 22.0958, -40.5007



59.0920, 0.4476, -3.5887



85.4590, 10.1267, -74.9475



172.3200, 20.5482, -151.1246

Inverse Universe

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



59.8050, -7.2989, 54.5450



60.9660, -11.3222, 85.0988



75.8190, -22.0958, 40.5007



56.9080, -0.4476, 3.5887



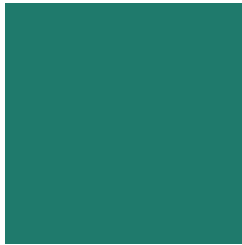
39.5410, -10.1267, 74.9475



79.7940, -20.1114, 151.0247

Previews

White Background



This preview shows how the YUV color 93.1950, 7.2989, -54.5450 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 93.1950, 7.2989, -54.5450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

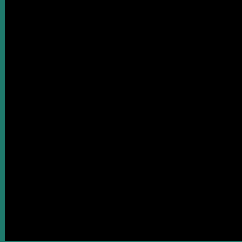
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.1950, 7.2989, -54.5450

Background



This preview shows how black text looks on a background with the YUV color 93.1950, 7.2989, -54.5450.



This preview shows how white text looks on a background with the YUV color 93.1950, 7.2989,

-54.5450.

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

93.1950, 7.2989, -54.5450

Protanopia

108.2840, -4.0840, 3.2589

Deuteranopia

109.3860, 1.2887, 6.6775



Tritanopia

97.4160, 15.5709, -47.7228

Trichromacy



Original Color

93.1950, 7.2989, -54.5450

Protanomaly

102.8900, 0.0542, -17.4435

Deuteranomaly

103.5250, 3.6852, -15.3694

Tritanomaly

95.8950, 12.3768, -49.8969

Monochromacy



Original Color

93.1950, 7.2989, -54.5450

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

93.1500, 2.3911, -20.3025

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.1950, 7.2989, -54.5450 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(31, 122, 108)` looks like.

```
.text, #text, p{  
    color:rgb(31, 122, 108)  
}
```

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(31, 122, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 122, 108) }
```

Border

The CSS property to change the border of an element to YUV 93.1950, 7.2989, -54.5450 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(31, 122, 108) }
```


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

```
.border{ border-color:rgb(31, 122, 108) }
```

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

Here you see how a box with a 4 pixel rgb(31, 122, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 122, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 122, 108);  
box-shadow:4px 4px 4px 4px rgb(31, 122,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 93.1950, 7.2989, -54.5450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 122, 108) }
```

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

```
.background{ background-color: rgb(31, 122,  
108) }
```

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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