

Converting Colors

YUV(89.7120, 6.5510, -47.9824)

Have a look what the booklet for
YUV(89.7120, 6.5510, -47.9824)
contains.

YUV(89.7120, 6.5510, -47.9824)	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(89.7120, 6.5510,
-47.9824)**

Conversions

Conversions Part 1

Format	Color
Hex	237367
RGB	35, 115, 103
RGB Percent	14%, 45%, 40%
CMY	0.8627, 0.5490, 0.5961
CMYK	0.70, 0.00, 0.10, 0.55
HSL	171°, 53%, 29%
HSV	171°, 70%, 45%
XYZ	9.2721, 13.5981, 14.9680
YIQ	89.7120, -43.8280, -20.6920

Conversions

Conversions Part 2

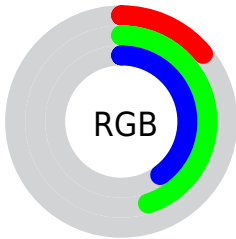
Format	Color
R_{YB}	35, 78, 115
Decimal	2323303
CIE _{Lab}	43.65, -26.95, -0.37
CIE _{LCh}	44, 26.948, 180.795
Y _{xy}	13.5981, 0.2450, 0.3594
Android (android.graphics.Color)	4280513383 (0xFF237367)
YUV	89.7120, 6.5510, -47.9824
Hunter-Lab	36.8756, -19.6499, 1.7468

Details

The YUV color **89.7120, 6.5510, -47.9824** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **60.2880, -6.5510, 47.9824**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.7940, 5.5246, -45.4233**, and **45.1260, 5.3609, -39.5755** is the 20% darker color. If you saturate the color by 10%, you get **86.1950, 7.2989, -54.5450**, and if you desaturate by 10%, it is **93.5280, 5.6557, -40.8051**.

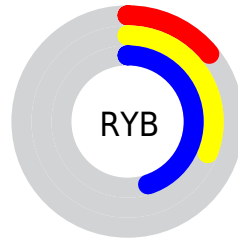
Distribution



Red (14%)

Green (45%)

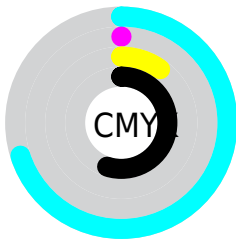
Blue (40%)



Red (14%)

Yellow (31%)

Blue (45%)

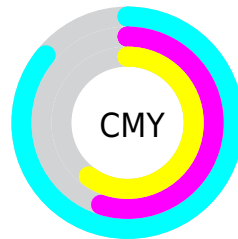


Cyan (70%)

Magenta (0%)

Yellow (10%)

Black (55%)



Cyan (86%)

Magenta (55%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.7120, 6.5510, -47.9824 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 89.7120, 6.5510, -47.9824 by changing the saturation by 10% instead.

■ 89.7120, 6.5510,
-47.9824

■ 89.7120, 6.5510,
-47.9824

■ 255.0000, 0.0000,
0.0000

■ 61.8360, 8.4619,
-54.2302

■ 142.7940, 5.5246,
-45.4233

■ 45.1260, 5.3609,
-39.5755

■ 170.3810, 5.2352,
-45.9381

■ 29.2310, 2.8441,
-25.6356

■ 198.2670, 4.7984,
-45.8382

■ 14.3960, -0.6882,
-12.6253

■ 226.9680, 4.9458,
-46.4529

■ 0.0000, 0.0000,
0.0000

■ 239.1530, 7.8126,
-32.5832

■ 247.8240, 3.5378,

-14.7546

■ 89.7120, 6.5510,
-47.9824

■ 89.7120, 6.5510,
-47.9824

■ 86.1950, 7.2989,
-54.5450

■ 93.5280, 5.6557,
-40.8051

■ 82.4930, 8.6310,
-61.8224

■ 96.9310, 4.4710,
-34.1425

■ 78.9760, 9.3788,
-68.3850

■ 100.7470, 3.5757,
-26.9651

■ 78.6770, 9.5262,
-68.9997

■ 104.2640, 2.8278,
-20.4025

■ 108.0800, 1.9326,
-13.2252

■ 111.4830, 0.7479,
-6.5626

■ 115.2990, -0.1474,
0.6148

■ 118.8160, -0.8953,
7.1774

■ 122.6320, -1.7906,
14.3547

Harmonies

Analogous

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



95.5980, -7.1968, -25.0804



89.7120, 6.5510, -47.9824



81.1680, 21.6092, -71.1843

Triad

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



89.7120, 6.5510, -47.9824



104.8210, 18.3292, 1.0340



102.9530, -18.7108, 28.1052

Complementary

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



89.7120, 6.5510, -47.9824



60.2880, -6.5510, 47.9824

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.



104.5440, -11.6072, 36.3569



89.7120, 6.5510, -47.9824



105.9610, 9.3862, 22.8362

Square

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



89.7120, 6.5510, -47.9824



99.7360, 23.7942, -25.2015



105.5790, -1.2714, 34.5722



101.4690, -21.4302, 13.6207

Rectangle

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



89.7120, 6.5510, -47.9824



85.2380, 25.5187, -65.1067



105.5790, -1.2714, 34.5722



103.7300, -17.1219, 31.8088

Sweetspot

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



89.7120, 6.5510, -47.9824



140.2750, 2.8224, -18.6582



85.5480, -24.9202, -33.8066



70.6780, 1.6377, -11.9956



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



89.7120, 6.5510, -47.9824



110.8720, 10.4161, -74.4327



74.6440, 19.8955, -34.7678



57.0920, 0.4476, -3.5887



83.4700, 10.1213, -73.2032



170.9180, 20.2534, -149.8951

Inverse Universe

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



60.2880, -6.5510, 47.9824



65.1280, -10.4161, 74.4327



75.3560, -19.8955, 34.7678



54.9080, -0.4476, 3.5887



38.5300, -10.1213, 73.2032



78.9680, -20.6902, 149.9951

Previews

White Background



This preview shows how the YUV color 89.7120, 6.5510, -47.9824 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 89.7120, 6.5510, -47.9824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

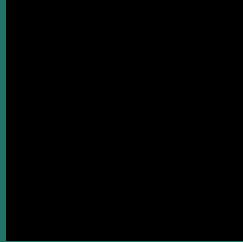
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.7120, 6.5510, -47.9824

Background



This preview shows how black text looks on a background with the YUV color 89.7120, 6.5510, -47.9824.



This preview shows how white text looks on a background with the YUV color 89.7120, 6.5510,

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

89.7120, 6.5510, -47.9824

Protanopia

102.5120, -3.2104, 3.0590

Deuteranopia

103.9730, 0.9993, 6.1627



Tritanopia

92.6940, 13.9549, -42.7046

Trichromacy



Original Color

89.7120, 6.5510, -47.9824

Protanomaly

98.0150, 0.4856, -15.7992

Deuteranomaly

98.4220, 3.2430, -13.5251

Tritanomaly

91.5860, 11.0501, -44.3639

Monochromacy



Original Color

89.7120, 6.5510, -47.9824

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.8730, 2.5276, -17.4286

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.7120, 6.5510, -47.9824 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(35, 115, 103)` looks like.

```
.text, #text, p{  
    color:rgb(35, 115, 103)  
}
```

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(35, 115, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 115, 103) }
```

Border

The CSS property to change the border of an element to YUV 89.7120, 6.5510, -47.9824 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(35, 115, 103) }
```


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

```
.border{ border-color:rgb(35, 115, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 115, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 115, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 115, 103);  
box-shadow:4px 4px 4px 4px rgb(35, 115,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 89.7120, 6.5510, -47.9824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 115, 103) }
```

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

```
.background{ background-color: rgb(35, 115,  
103) }
```

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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