

Converting Colors

YUV(95.6110, -10.1612, -7.5518)

Have a look what the booklet for
YUV(95.6110, -10.1612, -7.5518)
contains.

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Color

**YUV(95.6110, -10.1612,
-7.5518)**

Conversions

Conversions Part 1

Format	Color
Hex	57684B
RGB	87, 104, 75
RGB Percent	34%, 41%, 29%
CMY	0.6588, 0.5922, 0.7059
CMYK	0.16, 0.00, 0.28, 0.59
HSL	95°, 16%, 35%
HSV	95°, 28%, 41%
XYZ	10.1508, 12.4349, 8.5218
YIQ	95.6110, -0.8230, -12.6230

Conversions

Conversions Part 2

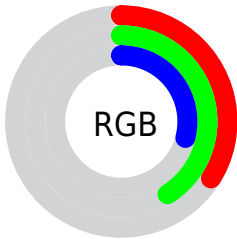
Format	Color
R_{YB}	75, 104, 92
Decimal	5728331
CIE _{Lab}	41.90, -12.34, 14.28
CIE _{LCh}	42, 18.871, 130.844
Yxy	12.4349, 0.3263, 0.3997
Android (android.graphics.Color)	4283918411 (0xFF57684B)
YUV	95.6110, -10.1612, -7.5518
Hunter-Lab	35.2631, -10.3276, 10.3560

Details

The YUV color **95.6110, -10.1612, -7.5518** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **83.3890, 10.1612, 7.5518**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.0840, -10.8874, -7.9667**, and **49.2520, -8.9982, -7.2370** is the 20% darker color. If you saturate the color by 10%, you get **92.6770, -13.6448, -10.2407**, and if you desaturate by 10%, it is **98.5450, -6.6777, -4.8630**.

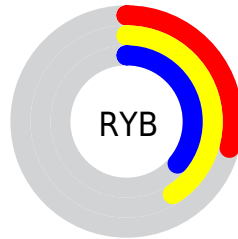
Distribution



Red (34%)

Green (41%)

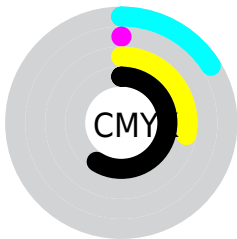
Blue (29%)



Red (29%)

Yellow (41%)

Blue (36%)

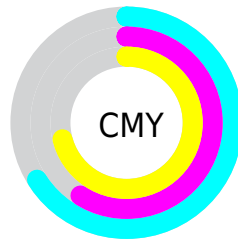


Cyan (16%)

Magenta (0%)

Yellow (28%)

Black (59%)



Cyan (66%)

Magenta (59%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.6110, -10.1612, -7.5518 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 95.6110, -10.1612, -7.5518 by changing the saturation by 10% instead.

■ 95.6110, -10.1612,
-7.5518

■ 95.6110, -10.1612,
-7.5518

■ 255.0000, 0.0000,
0.0000

■ 71.7250, -9.7244,
-7.6518

■ 146.0840,
-10.8874, -7.9667

■ 49.2520, -8.9982,
-7.2370

■ 172.9700,
-11.3242, -7.8667

■ 27.7360, -9.7298,
-5.9075

■ 200.5570,
-11.6136, -8.3815

■ 7.6310, -3.7621,
-6.6924

■ 228.4430,
-12.0504, -8.2815

■ 0.0000, 0.0000,
0.0000

■ 249.9860, -8.8671,
-2.6187

■ 95.6110, -10.1612,
-7.5518

■ 95.6110, -10.1612,
-7.5518

■ 92.6770, -13.6448,
-10.2407

■ 98.5450, -6.6777,
-4.8630

■ 89.6290, -17.5651,
-12.8296

■ 101.5930, -2.7573,
-2.2741

■ 86.6950, -21.0486,
-15.5185

■ 104.5270, 0.7262,
0.4148

■ 83.6470, -24.9690,
-18.1074

■ 107.5750, 4.6465,
3.0037

■ 80.7130, -28.4525,
-20.7963

■ 110.5090, 8.1301,
5.6926

■ 77.4800, -31.7886,
-24.1000

■ 113.7420, 11.4662,
8.9963

■ 74.4320, -35.7090,
-26.6889

■ 116.7900, 15.3865,
11.5852

■ 73.9050, -36.4352,

■ 119.7240, 18.8701,

-27.1037

14.2741

■ 122.7720, 22.7904,
16.8630

Harmonies

Analogous

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



97.5480, -14.5672, 5.6584



95.6110, -10.1612, -7.5518



93.4720, -2.6977, -21.4619

Triad

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



95.6110, -10.1612, -7.5518



94.4880, 16.5214, -25.8610



100.6550, -3.2809, 25.7356

Complementary

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



95.6110, -10.1612, -7.5518



83.3890, 10.1612, 7.5518

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.



101.4460, 3.7241, 18.9029



95.6110, -10.1612, -7.5518



98.2450, 15.1622, -9.8619

Square

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



95.6110, -10.1612, -7.5518



91.3360, 13.6384, -34.4977



100.7910, 10.4560, 6.3223



100.1080, -10.4062, 24.4613

Rectangle

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



95.6110, -10.1612, -7.5518



91.7360, 3.5812, -28.7095



100.7910, 10.4560, 6.3223



100.9260, -0.9495, 24.6209

Sweetspot

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



95.6110, -10.1612, -7.5518



131.9520, -3.9203, -2.5889



93.6500, -9.1944, 9.0770



67.0060, -2.4680, -1.7593



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



95.6110, -10.1612, -7.5518



122.2100, -15.3865, -11.5852



92.2510, -7.5187, -15.1291



49.5330, -1.7418, -1.3444



81.5580, -40.2081, -30.3074



171.9540, -84.7733, -63.1037

Inverse Universe

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



83.3890, 10.1612, 7.5518



103.7900, 15.3865, 11.5852



86.7490, 7.5187, 15.1291



47.4670, 1.7418, 1.3444



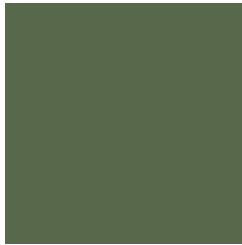
33.1430, 40.3555, 29.6926



70.0460, 84.7733, 63.1037

Previews

White Background



This preview shows how the YUV color 95.6110, -10.1612, -7.5518 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 95.6110, -10.1612, -7.5518 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 95.6110, -10.1612, -7.5518

Background



This preview shows how black text looks on a background with the YUV color 95.6110, -10.1612, -7.5518.



This preview shows how white text looks on a background with the YUV color 95.6110, -10.1612, -7.5518.

-7.5518.

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

95.6110, -10.1612, -7.5518

Protanopia

98.1290, -12.3886, 6.9029

Deuteranopia

98.9280, -10.8105, 14.0951



Tritanopia

98.5200, 4.6736, -5.7180

Trichromacy



Original Color

95.6110, -10.1612, -7.5518

Protanomaly

97.3240, -11.4987, 1.4699

Deuteranomaly

97.5850, -10.6414, 6.5030

Tritanomaly

97.1410, -0.5625, -6.2627

Monochromacy



Original Color

95.6110, -10.1612, -7.5518

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.9520, -3.9203, -2.5889

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.6110, -10.1612, -7.5518 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(87, 104, 75)` looks like.

```
.text, #text, p{  
    color:rgb(87, 104, 75)  
}
```

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(87, 104, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 104, 75) }
```

Border

The CSS property to change the border of an element to YUV 95.6110, -10.1612, -7.5518 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(87, 104, 75) }
```


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

```
.border{ border-color:rgb(87, 104, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 104, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 104, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 104, 75);  
box-shadow:4px 4px 4px 4px rgb(87, 104,  
75) }
```

Background

The CSS property to change the background color of an element to YUV 95.6110, -10.1612, -7.5518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 104, 75) }
```

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

```
.background{ background-color: rgb(87, 104,  
75) }
```

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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