

Converting Colors

YUV(90.7740, -3.8326, 15.9842)

Have a look what the booklet for
YUV(90.7740, -3.8326, 15.9842)
contains.

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Color

**YUV(90.7740, -3.8326,
15.9842)**

Conversions

Conversions Part 1

Format	Color
Hex	6D5353
RGB	109, 83, 83
RGB Percent	43%, 33%, 33%
CMY	0.5725, 0.6745, 0.6745
CMYK	0.00, 0.24, 0.24, 0.57
HSL	0°, 14%, 38%
HSV	0°, 24%, 43%
XYZ	10.9613, 10.0623, 9.5481
YIQ	90.7740, 15.4960, 5.5120

Conversions

Conversions Part 2

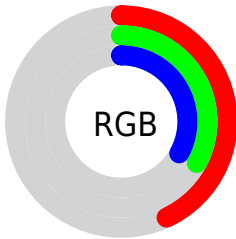
Format	Color
R_{YB}	109, 83, 83
Decimal	7164755
CIE _{Lab}	37.95, 10.82, 4.17
CIE _{LCh}	38, 11.591, 21.079
Yxy	10.0623, 0.3585, 0.3291
Android (android.graphics.Color)	4285354835 (0xFF6D5353)
YUV	90.7740, -3.8326, 15.9842
Hunter-Lab	31.7211, 6.1691, 4.3583

Details

The YUV color **90.7740, -3.8326, 15.9842** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **101.2260, 3.8326, -15.9842**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.2580, -4.5642, 17.3137**, and **44.8770, -3.3904, 14.1399** is the 20% darker color. If you saturate the color by 10%, you get **83.0630, -5.4541, 22.7467**, and if you desaturate by 10%, it is **98.4850, -2.2111, 9.2217**.

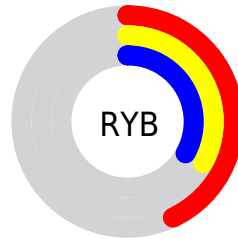
Distribution



Red (43%)

Green (33%)

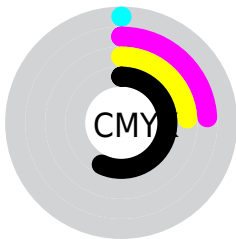
Blue (33%)



Red (43%)

Yellow (33%)

Blue (33%)

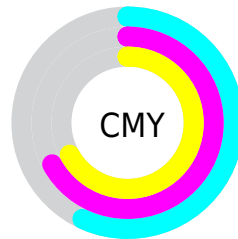


Cyan (0%)

Magenta (24%)

Yellow (24%)

Black (57%)



Cyan (57%)

Magenta (67%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.7740, -3.8326, 15.9842 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 90.7740, -3.8326, 15.9842 by changing the saturation by 10% instead.

■ 90.7740, -3.8326,
15.9842

■ 90.7740, -3.8326,
15.9842

■ 255.0000, 0.0000,
0.0000

■ 67.1760, -3.5378,
14.7546

■ 141.2580, -4.5642,
17.3137

■ 44.8770, -3.3904,
14.1399

■ 167.5570, -4.7116,
17.9285

■ 23.9800, -2.9481,
12.2955

■ 194.8560, -4.8590,
18.5433

■ 1.4950, -0.7370,
3.0739

■ 222.5680, -4.7170,
19.6729

■ 0.0000, 0.0000,
0.0000

■ 245.7730, -2.3531,
8.0921

■ 90.7740, -3.8326,
15.9842

■ 90.7740, -3.8326,
15.9842

■ 83.0630, -5.4541,
22.7467

■ 98.4850, -2.2111,
9.2217

■ 75.3520, -7.0755,
29.5093

■ 106.1960, -0.5896,
2.4591

■ 67.6410, -8.6970,
36.2718

■ 113.9070, 1.0318,
-4.3034

■ 59.9300, -10.3185,
43.0344

■ 121.6180, 2.6533,
-11.0660

■ 52.9200, -11.7926,
49.1822

■ 129.3290, 4.2748,
-17.8285

■ 45.2090, -13.4140,
55.9447

■ 136.3390, 5.7489,
-23.9763

■ 37.4980, -15.0355,
62.7073

■ 144.0500, 7.3703,
-30.7389

■ 32.5910, -16.0674,

■ 151.7610, 8.9918,

67.0107

-37.5014

■ 159.4720, 10.6133,
-44.2639

Harmonies

Analogous

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



91.0170, 0.9776, 13.1401



90.7740, -3.8326, 15.9842



90.1390, -7.4635, 13.9101

Triad

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



90.7740, -3.8326, 15.9842



86.9900, -4.9251, -7.0072



88.1540, 9.7841, -11.5361

Complementary

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



90.7740, -3.8326, 15.9842



101.2260, 3.8326, -15.9842

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.



86.1810, 8.7848, -17.6987



90.7740, -3.8326, 15.9842



86.2000, -0.0986, -15.0844

Square

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



90.7740, -3.8326, 15.9842



88.5350, -8.1518, 1.2848



85.8450, 5.0064, -19.1581



89.8670, 8.4466, -2.5144

Rectangle

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



90.7740, -3.8326, 15.9842



89.7750, -8.7631, 10.7213



85.8450, 5.0064, -19.1581



87.7300, 9.5001, -13.7952

Sweetspot

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



90.7740, -3.8326, 15.9842



135.9900, -1.4741, 6.1478



93.7380, 7.5242, 13.3848



67.4950, -0.7370, 3.0739



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



90.7740, -3.8326, 15.9842



113.5580, -6.1911, 25.8206



98.4050, -7.5947, 9.2918



49.7940, -0.8844, 3.6887



34.9830, -17.2466, 71.9289



73.2550, -36.1147, 150.6204

Inverse Universe

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



101.2260, 3.8326, -15.9842



130.4420, 6.1911, -25.8206



93.5950, 7.5947, -9.2918



52.2060, 0.8844, -3.6887



82.0170, 17.2466, -71.9289



171.7450, 36.1147, -150.6204

Previews

White Background



This preview shows how the YUV color 90.7740, -3.8326, 15.9842 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 90.7740, -3.8326, 15.9842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

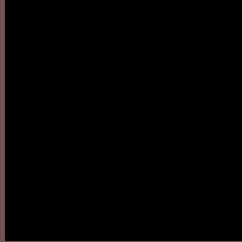
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.7740, -3.8326, 15.9842

Background



This preview shows how black text looks on a background with the YUV color 90.7740, -3.8326, 15.9842.



This preview shows how white text looks on a background with the YUV color 90.7740, -3.8326,

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

90.7740, -3.8326, 15.9842

Protanopia

89.5550, -1.7526, 2.1443

Deuteranopia

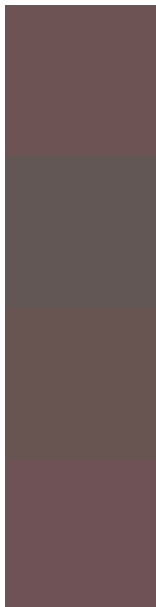
90.0290, -3.9583, 9.6216



Tritanopia

91.0560, -1.5066, 16.6139

Trichromacy



Original Color

90.7740, -3.8326, 15.9842

Protanomaly

90.0610, -2.4951, 6.9625

Deuteranomaly

90.3390, -4.1111, 11.9807

Tritanomaly

90.8280, -2.3802, 16.8138

Monochromacy



Original Color

90.7740, -3.8326, 15.9842

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

90.9900, -1.4741, 6.1478

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.7740, -3.8326, 15.9842 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(109, 83, 83)` looks like.

```
.text, #text, p{  
    color:rgb(109, 83, 83)  
}
```

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(109, 83, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 83, 83) }
```

Border

The CSS property to change the border of an element to YUV 90.7740, -3.8326, 15.9842 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(109, 83, 83) }
```


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

```
.border{ border-color:rgb(109, 83, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 83, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 83, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 83, 83);  
box-shadow:4px 4px 4px 4px rgb(109, 83,  
83) }
```

Background

The CSS property to change the background color of an element to YUV 90.7740, -3.8326, 15.9842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 83, 83) }
```

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

```
.background{ background-color: rgb(109, 83,  
83) }
```

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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