

Converting Colors

YUV(102.5350, -4.7008,
14.4398)

Have a look what the booklet for
YUV(102.5350, -4.7008, 14.4398)
contains.

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Color

**YUV(102.5350, -4.7008,
14.4398)**

Conversions

Conversions Part 1

Format	Color
Hex	77605D
RGB	119, 96, 93
RGB Percent	47%, 38%, 36%
CMY	0.5333, 0.6235, 0.6353
CMYK	0.00, 0.19, 0.22, 0.53
HSL	7°, 12%, 42%
HSV	7°, 22%, 47%
XYZ	13.7664, 13.0780, 12.1547
YIQ	102.5350, 14.6710, 3.9430

Conversions

Conversions Part 2

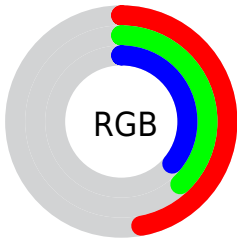
Format	Color
R_{YB}	119, 96, 93
Decimal	7823453
CIE Lab	42.88, 8.79, 5.22
CIE LCh	43, 10.219, 30.709
Yxy	13.0780, 0.3530, 0.3353
Android (android.graphics.Color)	4286013533 (0xFF77605D)
YUV	102.5350, -4.7008, 14.4398
Hunter-Lab	36.1635, 4.6637, 5.3869

Details

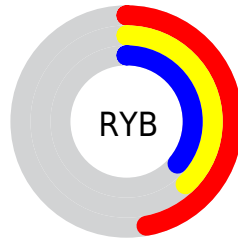
The YUV color **102.5350, -4.7008, 14.4398** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **109.4650, 4.7008, -14.4398**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.0190, -5.4324, 15.7693**, and **55.6380, -4.2585, 12.5955** is the 20% darker color. If you saturate the color by 10%, you get **94.7100, -6.7590, 21.3023**, and if you desaturate by 10%, it is **110.3600, -2.6425, 7.5773**.

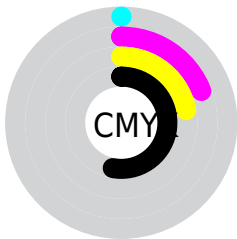
Distribution



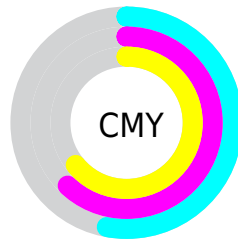
- Red (47%)
- Green (38%)
- Blue (36%)



- Red (47%)
- Yellow (38%)
- Blue (36%)



- Cyan (0%)
- Magenta (19%)
- Yellow (22%)
- Black (53%)



- Cyan (53%)
- Magenta (62%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 102.5350, -4.7008, 14.4398 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 102.5350, -4.7008, 14.4398 by changing the saturation by 10% instead.

■ 102.5350, -4.7008,
14.4398

■ 102.5350, -4.7008,
14.4398

255.0000, 0.0000,
0.0000

■ 78.2360, -4.5533,
13.8250

■ 154.0190, -5.4324,
15.7693

■ 55.6380, -4.2585,
12.5955

■ 180.4320, -5.1430,
16.2841

■ 34.0400, -3.9637,
11.3659

■ 208.3180, -5.5798,
16.3841

■ 10.1330, -4.9956,
15.6694

■ 236.3180, -5.5798,
16.3841

■ 0.0000, 0.0000,
0.0000

254.8860, -0.4368,
0.1000

■ 102.5350, -4.7008,
14.4398

■ 102.5350, -4.7008,
14.4398

■ 94.7100, -6.7590,
21.3023

■ 110.3600, -2.6425,
7.5773

■ 87.4720, -9.1067,
27.6501

■ 117.5980, -0.2948,
1.2296

■ 79.6470, -11.1650,
34.5126

■ 125.4230, 1.7635,
-5.6330

■ 72.4090, -13.5126,
40.8603

■ 132.6610, 4.1111,
-11.9807

■ 64.5840, -15.5709,
47.7228

■ 140.3720, 5.7326,
-18.7432

■ 57.4600, -17.4818,
53.9706

■ 147.6100, 8.0803,
-25.0910

■ 49.6350, -19.5401,
60.8331

■ 155.4350, 10.1385,
-31.9535

■ 43.7990, -21.5929,

■ 162.6730, 12.4862,

65.9513

-38.3012

■ 170.4980, 14.5445,
-45.1637

Harmonies

Analogous

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



102.5610, -0.7696, 13.5400



102.5350, -4.7008, 14.4398



101.8290, -7.3107, 11.5510

Triad

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



102.5350, -4.7008, 14.4398



98.8480, -2.8831, -8.6367



100.8340, 8.4628, -7.7474

Complementary

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



102.5350, -4.7008, 14.4398



109.4650, 4.7008, -14.4398

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.



99.0890, 8.3371, -14.1101



102.5350, -4.7008, 14.4398



98.2540, 1.3538, -14.2548

Square

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



102.5350, -4.7008, 14.4398



99.6810, -6.2517, -1.4742



98.3830, 5.7272, -16.9989



102.1340, 6.8359, 0.7595

Rectangle

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



102.5350, -4.7008, 14.4398



101.5790, -8.1734, 8.2622



98.3830, 5.7272, -16.9989



100.5240, 8.6157, -10.1065

Sweetspot

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



102.5350, -4.7008, 14.4398



148.8760, -1.9109, 6.2477



103.3960, 6.2138, 13.6847



74.7940, -0.8844, 3.6887



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.



102.5350, -4.7008, 14.4398



130.1940, -7.4906, 22.6319



110.1660, -8.4628, 7.7474



54.7940, -0.8844, 3.6887



44.6960, -22.0351, 67.7956



91.7730, -45.2441, 138.7651

Inverse Universe

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



109.4650, 4.7008, -14.4398



140.8060, 7.4906, -22.6319



101.8340, 8.4628, -7.7474



56.6190, 1.1738, -3.1739



77.3040, 22.0351, -67.7956



158.2270, 45.2441, -138.7651

Previews

White Background



This preview shows how the YUV color 102.5350, -4.7008, 14.4398 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 102.5350, -4.7008, 14.4398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

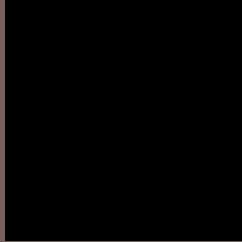
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 102.5350, -4.7008, 14.4398

Background



This preview shows how black text looks on a background with the YUV color 102.5350, -4.7008, 14.4398.



This preview shows how white text looks on a background with the YUV color 102.5350, -4.7008,

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

102.5350, -4.7008, 14.4398

Protanopia

101.6260, -2.7736, 2.9590

Deuteranopia

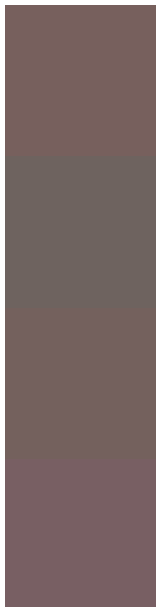
102.2140, -4.5425, 10.3363



Tritanopia

103.2730, -0.6276, 14.6696

Trichromacy



Original Color

102.5350, -4.7008, 14.4398

Protanomaly

101.8330, -3.3687, 7.1625

Deuteranomaly

102.2250, -4.5479, 12.0807

Tritanomaly

102.9310, -1.9380, 14.9695

Monochromacy



Original Color

102.5350, -4.7008, 14.4398

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

102.5770, -1.7635, 5.6330

CSS Examples

Text

The CSS property to change the color of the text to YUV 102.5350, -4.7008, 14.4398 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(119, 96, 93)` looks like.

```
.text, #text, p{  
    color:rgb(119, 96, 93)  
}
```

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(119, 96, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 96, 93) }
```

Border

The CSS property to change the border of an element to YUV 102.5350, -4.7008, 14.4398 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(119, 96, 93) }
```


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

```
.border{ border-color:rgb(119, 96, 93) }
```

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

Here you see how a box with a 4 pixel rgb(119, 96, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 96, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 96, 93);  
box-shadow:4px 4px 4px 4px rgb(119, 96,  
93) }
```

Background

The CSS property to change the background color of an element to YUV 102.5350, -4.7008, 14.4398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 96, 93) }
```

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

```
.background{ background-color: rgb(119, 96,  
93) }
```

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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