

Converting Colors

YUV(107.3330, -1.6432,
13.7400)

Have a look what the booklet for
YUV(107.3330, -1.6432, 13.7400)
contains.

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Color

**YUV(107.3330, -1.6432,
13.7400)**

Conversions

Conversions Part 1

Format	Color
Hex	7B6468
RGB	123, 100, 104
RGB Percent	48%, 39%, 41%
CMY	0.5176, 0.6078, 0.5922
CMYK	0.00, 0.19, 0.15, 0.52
HSL	350°, 10%, 44%
HSV	350°, 19%, 48%
XYZ	15.2242, 14.3248, 15.0593
YIQ	107.3330, 12.4240, 6.1200

Conversions

Conversions Part 2

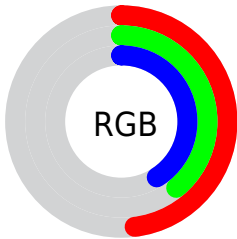
Format	Color
R_{YB}	123, 100, 104
Decimal	8086632
CIE _{Lab}	44.70, 9.92, 1.22
CIE _{LCh}	45, 9.999, 6.993
Yxy	14.3248, 0.3413, 0.3211
Android (android.graphics.Color)	4286276712 (0xFF7B6468)
YUV	107.3330, -1.6432, 13.7400
Hunter-Lab	37.8481, 5.5668, 2.9029

Details

The YUV color **107.3330, -1.6432, 13.7400** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **115.6670, 1.6432, -13.7400**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.9310, -1.9380, 14.9695**, and **59.7350, -1.3484, 12.5104** is the 20% darker color. If you saturate the color by 10%, you get **99.1490, -2.5385, 20.9173**, and if you desaturate by 10%, it is **115.5170, -0.7479, 6.5626**.

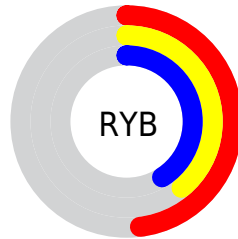
Distribution



Red (48%)

Green (39%)

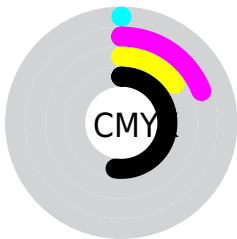
Blue (41%)



Red (48%)

Yellow (39%)

Blue (41%)

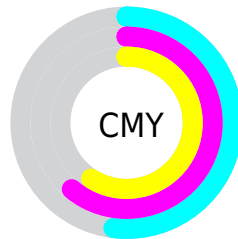


Cyan (0%)

Magenta (19%)

Yellow (15%)

Black (52%)



Cyan (52%)

Magenta (61%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.3330, -1.6432, 13.7400 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 107.3330, -1.6432, 13.7400 by changing the saturation by 10% instead.

■ 107.3330, -1.6432,
13.7400

■ 107.3330, -1.6432,
13.7400

255.0000, 0.0000,
0.0000

■ 83.0340, -1.4958,
13.1252

■ 158.9310, -1.9380,
14.9695

■ 59.7350, -1.3484,
12.5104

■ 185.9310, -1.9380,
14.9695

■ 38.1370, -1.0535,
11.2809

■ 213.2300, -2.0854,
15.5843

■ 16.1480, -1.0590,
13.0252

■ 240.1480, -1.0590,
13.0252

■ 0.0000, 0.0000,
0.0000

■ 107.3330, -1.6432,

■ 107.3330, -1.6432,

13.7400

13.7400

■ 99.1490, -2.5385,
20.9173

■ 115.5170, -0.7479,
6.5626

■ 90.3780, -3.1444,
28.6095

■ 124.2880, -0.1420,
-1.1296

■ 82.1940, -4.0396,
35.7869

■ 132.4720, 0.7533,
-8.3069

■ 73.8960, -5.3717,
43.0642

■ 140.7700, 2.0854,
-15.5843

■ 65.7120, -6.2670,
50.2416

■ 149.5410, 2.6913,
-23.2765

■ 56.9410, -6.8729,
57.9337

■ 157.7250, 3.5866,
-30.4538

■ 48.7570, -7.7682,
65.1111

■ 165.9090, 4.4819,
-37.6312

■ 40.5730, -8.6635,
72.2885

■ 174.0930, 5.3772,
-44.8086

■ 39.1710, -8.9583,
73.5180

■ 182.8640, 5.9830,
-52.5007

Harmonies

Analogous

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



107.3370, 2.2989, 9.3515



107.3330, -1.6432, 13.7400



107.0080, -5.4269, 14.0250

Triad

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



107.3330, -1.6432, 13.7400



104.0830, -5.9569, -2.7038



104.1000, 8.3317, -12.3657

Complementary

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



107.3330, -1.6432, 13.7400



115.6670, 1.6432, -13.7400

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.



103.0950, 5.8692, -15.8693



107.3330, -1.6432, 13.7400



103.3640, -2.1515, -9.9662

Square

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



107.3330, -1.6432, 13.7400



105.2580, -8.0152, 4.1587



103.0690, 1.9380, -14.9695



105.7310, 8.0206, -5.9031

Rectangle

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



107.3330, -1.6432, 13.7400



106.2420, -7.0213, 12.0658



103.0690, 1.9380, -14.9695



103.5620, 7.6109, -14.5249

Sweetspot

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



107.3330, -1.6432, 13.7400



154.2180, -0.6005, 5.9478



108.3030, 7.2456, 9.3813



77.9080, -0.4476, 3.5887



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



107.3330, -1.6432, 13.7400



136.4480, -2.6859, 21.5321



110.9860, -5.4161, 10.5363



56.9080, -0.4476, 3.5887



39.8830, -8.8163, 74.6476



80.3640, -17.9275, 150.5248

Inverse Universe

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



107.3330, -1.6432, 13.7400



136.4480, -2.6859, 21.5321



112.0140, 5.4161, -10.5363



56.9080, -0.4476, 3.5887



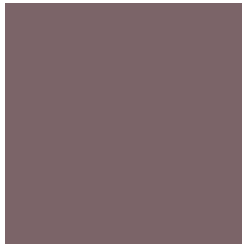
39.8830, -8.8163, 74.6476



80.3640, -17.9275, 150.5248

Previews

White Background



This preview shows how the YUV color 107.3330, -1.6432, 13.7400 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 107.3330, -1.6432, 13.7400 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 107.3330, -1.6432, 13.7400

Background



This preview shows how black text looks on a background with the YUV color 107.3330, -1.6432, 13.7400.



This preview shows how white text looks on a background with the YUV color 107.3330, -1.6432,

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

107.3330, -1.6432, 13.7400

Protanopia

105.8260, 0.5788, 1.0296

Deuteranopia

106.7130, -1.3375, 9.0217



Tritanopia

107.0880, -0.0434, 13.9548

Trichromacy



Original Color

107.3330, -1.6432, 13.7400

Protanomaly

106.3320, -0.1637, 5.8478

Deuteranomaly

106.7240, -1.3429, 10.7661

Tritanomaly

106.9740, -0.4802, 14.0548

Monochromacy



Original Color

107.3330, -1.6432, 13.7400

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

106.9190, -0.4531, 5.3330

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.3330, -1.6432, 13.7400 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(123, 100, 104)` looks like.

```
.text, #text, p{  
    color:rgb(123, 100, 104)  
}
```

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(123, 100, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 100, 104) }
```

Border

The CSS property to change the border of an element to YUV 107.3330, -1.6432, 13.7400 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(123, 100, 104) }
```


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

```
.border{ border-color:rgb(123, 100, 104) }
```

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

Here you see how a box with a 4 pixel rgb(123, 100, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 100, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 100, 104);  
box-shadow:4px 4px 4px 4px rgb(123, 100,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 107.3330, -1.6432, 13.7400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 100, 104) }
```

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

```
.background{ background-color: rgb(123,  
100, 104) }
```

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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