

Converting Colors

YUV(113.7170, 2.6045, 4.6332)

Have a look what the booklet for
YUV(113.7170, 2.6045, 4.6332)
contains.

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Color

**YUV(113.7170, 2.6045,
4.6332)**

Conversions

Conversions Part 1

Format	Color
Hex	776E77
RGB	119, 110, 119
RGB Percent	47%, 43%, 47%
CMY	0.5333, 0.5686, 0.5333
CMYK	0.00, 0.08, 0.00, 0.53
HSL	300°, 4%, 45%
HSV	300°, 8%, 47%
XYZ	16.5135, 16.4057, 19.7490
YIQ	113.7170, 2.4750, 4.7070

Conversions

Conversions Part 2

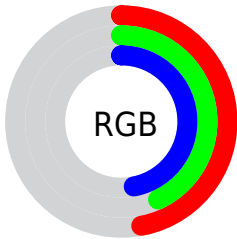
Format	Color
R _Y B	119, 110, 119
Decimal	7827063
CIE Lab	47.50, 5.28, -3.73
CIE LCh	48, 6.464, 324.809
Yxy	16.4057, 0.3135, 0.3115
Android (android.graphics.Color)	4286017143 (0xFF776E77)
YUV	113.7170, 2.6045, 4.6332
Hunter-Lab	40.5040, 1.8925, -0.5560

Details

The YUV color **113.7170, 2.6045, 4.6332** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **115.2830, -2.6045, -4.6332**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.7170, 2.6045, 4.6332**, and **65.7170, 2.6045, 4.6332** is the 20% darker color. If you saturate the color by 10%, you get **106.6730, 6.0772, 10.8108**, and if you desaturate by 10%, it is **120.7610, -0.8682, -1.5444**.

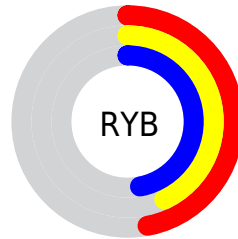
Distribution



Red (47%)

Green (43%)

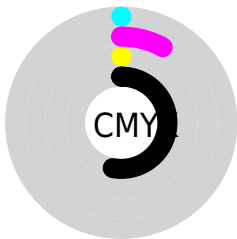
Blue (47%)



Red (47%)

Yellow (43%)

Blue (47%)

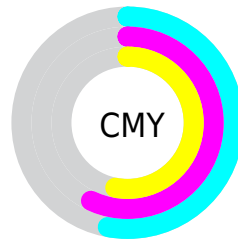


Cyan (0%)

Magenta (8%)

Yellow (0%)

Black (53%)



Cyan (53%)

Magenta (57%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.7170, 2.6045, 4.6332 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 113.7170, 2.6045, 4.6332 by changing the saturation by 10% instead.

■ 113.7170, 2.6045,
4.6332

■ 113.7170, 2.6045,
4.6332

255.0000, 0.0000,
0.0000

■ 89.3040, 2.3151,
4.1184

■ 165.7170, 2.6045,
4.6332

■ 65.7170, 2.6045,
4.6332

■ 192.7170, 2.6045,
4.6332

■ 43.8910, 2.0257,
3.6036

■ 220.4290, 2.7465,
5.7628

■ 22.8910, 2.0257,
3.6036

■ 249.1300, 2.8939,
5.1480

■ 0.0000, 0.0000,
0.0000

■ 113.7170, 2.6045,

■ 113.7170, 2.6045,

4.6332

■ 106.6730, 6.0772,
10.8108

■ 99.6290, 9.5499,
16.9884

■ 92.5850, 13.0226,
23.1660

■ 85.5410, 16.4953,
29.3435

■ 79.0840, 19.6786,
35.0063

■ 72.0400, 23.1513,
41.1839

■ 64.9960, 26.6240,
47.3615

■ 57.9520, 30.0967,
53.5391

4.6332

■ 120.7610, -0.8682,
-1.5444

■ 127.8050, -4.3409,
-7.7220

■ 134.8490, -7.8136,
-13.8996

■ 141.8930,
-11.2862, -20.0772

■ 148.9370,
-14.7589, -26.2547

■ 155.3940,
-17.9422, -31.9175

■ 162.4380,
-21.4149, -38.0951

■ 169.4820,
-24.8876, -44.2727

■ 50.9080, 33.5694,
59.7167

■ 176.5260,
-28.3603, -50.4503

Harmonies

Analogous

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



113.4390, 4.2206, -0.3850



113.7170, 2.6045, 4.6332



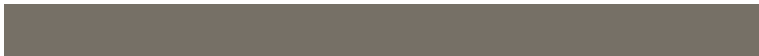
113.7560, 0.1203, 8.1070

Triad

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



113.7170, 2.6045, 4.6332



112.6540, -5.2524, 4.6884



111.0310, 2.9427, -10.5512

Complementary

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



113.7170, 2.6045, 4.6332



115.2830, -2.6045, -4.6332

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.



110.9450, 0.0271, -8.7218



113.7170, 2.6045, 4.6332



112.1480, -4.5100, -0.1298

Square

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



113.7170, 2.6045, 4.6332



113.2030, -4.5371, 8.5920



111.2830, -2.6045, -4.6332



111.4980, 4.6845, -9.2067

Rectangle

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



113.7170, 2.6045, 4.6332



113.8980, -1.9217, 9.7365



111.2830, -2.6045, -4.6332



111.1020, 1.9217, -9.7365

Sweetspot

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



113.7170, 2.6045, 4.6332



153.6520, 1.1576, 2.0592



111.0260, 3.9312, -0.8998



77.8260, 0.5788, 1.0296



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.



113.7170, 2.6045, 4.6332



147.7820, 4.0515, 7.2072



113.1470, 0.4205, 5.1331



55.4780, 1.7363, 3.0888



50.3860, 35.3057, 62.8055



103.2500, 72.3478, 128.6997

Inverse Universe

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



113.7170, 2.6045, 4.6332



147.7820, 4.0515, 7.2072



115.7390, -0.8573, -5.0331



55.4780, 1.7363, 3.0888



50.3860, 35.3057, 62.8055



103.2500, 72.3478, 128.6997

Previews

White Background



This preview shows how the YUV color 113.7170, 2.6045, 4.6332 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 113.7170, 2.6045, 4.6332 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 113.7170, 2.6045, 4.6332

Background



This preview shows how black text looks on a background with the YUV color 113.7170, 2.6045, 4.6332.



This preview shows how white text looks on a background with the YUV color 113.7170, 2.6045,

4.6332.

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

113.7170, 2.6045, 4.6332

Protanopia

113.2110, 3.3470, -0.1850

Deuteranopia

113.7280, 2.5991, 6.3775



Tritanopia

113.7170, 2.6045, 4.6332

Trichromacy



Original Color

113.7170, 2.6045, 4.6332

Protanomaly

113.2220, 3.3416, 1.5593

Deuteranomaly

113.4290, 2.7465, 5.7628

Tritanomaly

113.7170, 2.6045, 4.6332

Monochromacy



Original Color

113.7170, 2.6045, 4.6332

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.2390, 0.8682, 1.5444

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.7170, 2.6045, 4.6332 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, 110, 119)` looks like.

```
.text, #text, p{  
    color:rgb(119, 110, 119)  
}
```

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, 110, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 110, 119) }
```

Border

The CSS property to change the border of an element to YUV 113.7170, 2.6045, 4.6332 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, 110, 119) }
```


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

```
.border{ border-color:rgb(119, 110, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 110, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 110, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 110, 119);  
box-shadow:4px 4px 4px 4px rgb(119, 110,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 113.7170, 2.6045, 4.6332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 110, 119) }
```

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

```
.background{ background-color: rgb(119,  
110, 119) }
```

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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