

Converting Colors

YUV(112.7460, -4.8048, 1.0998)

Have a look what the booklet for
YUV(112.7460, -4.8048, 1.0998)
contains.

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Color

**YUV(112.7460, -4.8048,
1.0998)**

Conversions

Conversions Part 1

Format	Color
Hex	727267
RGB	114, 114, 103
RGB Percent	45%, 45%, 40%
CMY	0.5529, 0.5529, 0.5961
CMYK	0.00, 0.00, 0.10, 0.55
HSL	60°, 5%, 43%
HSV	60°, 10%, 45%
XYZ	15.4049, 16.5913, 15.2225
YIQ	112.7460, 3.5310, -3.4210

Conversions

Conversions Part 2

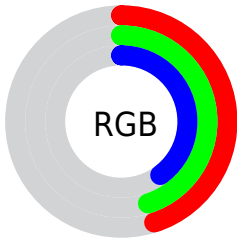
Format	Color
RYB	103, 114, 103
Decimal	7500391
CIELab	47.74, -2.13, 6.10
CIELCh	48, 6.459, 109.293
Yxy	16.5913, 0.3262, 0.3514
Android (android.graphics.Color)	4285690471 (0xFF727267)
YUV	112.7460, -4.8048, 1.0998
Hunter-Lab	40.7324, -3.7734, 6.3549

Details

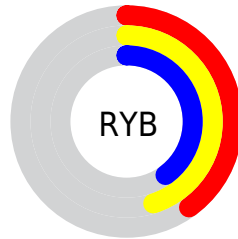
The YUV color **112.7460, -4.8048, 1.0998** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **104.2540, 4.8048, -1.0998**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.6320, -5.2416, 1.1997**, and **64.8600, -4.3680, 0.9998** is the 20% darker color. If you saturate the color by 10%, you get **111.4920, -9.6096, 2.1995**, and if you desaturate by 10%, it is **114.0000, 0.0000, 0.0000**.

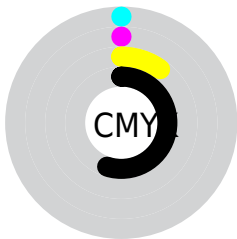
Distribution



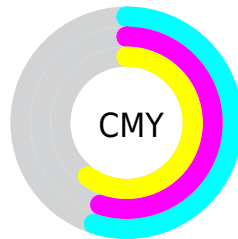
- Red (45%)
- Green (45%)
- Blue (40%)



- Red (40%)
- Yellow (45%)
- Blue (40%)



- Cyan (0%)
- Magenta (0%)
- Yellow (10%)
- Black (55%)



- Cyan (55%)
- Magenta (55%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.7460, -4.8048, 1.0998 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 112.7460, -4.8048, 1.0998 by changing the saturation by 10% instead.

■ 112.7460, -4.8048,
1.0998

■ 112.7460, -4.8048,
1.0998

255.0000, 0.0000,
0.0000

■ 88.4470, -4.6574,
0.4850

■ 164.6320, -5.2416,
1.1997

■ 64.8600, -4.3680,
0.9998

■ 191.6320, -5.2416,
1.1997

■ 42.9740, -3.9312,
0.8998

■ 219.5180, -5.6784,
1.2997

■ 22.7460, -4.8048,
1.0998

■ 247.6320, -5.2416,
1.1997

■ 0.0000, 0.0000,
0.0000

■ 112.7460, -4.8048,

■ 112.7460, -4.8048,

1.0998

1.0998

■ 111.4920, -9.6096,
2.1995

■ 114.0000, 0.0000,
0.0000

■ 110.1240,
-14.8511, 3.3993

■ 115.3680, 5.2416,
-1.1997

■ 108.8700,
-19.6559, 4.4990

■ 116.6220, 10.0464,
-2.2995

■ 107.5020,
-24.8975, 5.6987

■ 117.9900, 15.2879,
-3.4992

■ 106.2480,
-29.7023, 6.7985

■ 119.2440, 20.0927,
-4.5990

■ 104.9940,
-34.5070, 7.8983

■ 120.4980, 24.8975,
-5.6987

■ 103.6260,
-39.7486, 9.0980

■ 121.8660, 30.1391,
-6.8985

■ 102.3720,
-44.5534, 10.1978

■ 123.1200, 34.9438,
-7.9982

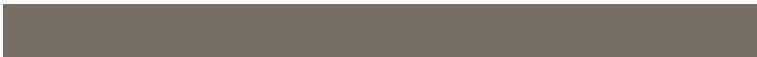
■ 101.0040,
-49.7950, 11.3975

■ 124.4880, 40.1854,
-9.1980

Harmonies

Analogous

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



113.3660, -5.1104, 5.8180



112.7460, -4.8048, 1.0998



112.4680, -3.1887, -3.9184

Triad

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



112.7460, -4.8048, 1.0998



112.0850, 4.3951, -9.7215



114.4570, 0.2677, 7.4922

Complementary

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



112.7460, -4.8048, 1.0998



104.2540, 4.8048, -1.0998

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.



114.4180, 2.7519, 4.0184



112.7460, -4.8048, 1.0998



112.7480, 5.5472, -5.9180

Square

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



112.7460, -4.8048, 1.0998



111.9170, 2.5059, -10.4512



113.8410, 4.5154, -1.6146



114.4850, -2.2111, 9.2217

Rectangle

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



112.7460, -4.8048, 1.0998



111.6140, -1.2887, -6.6775



113.8410, 4.5154, -1.6146



114.3860, 1.2887, 6.6775

Sweetspot

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



112.7460, -4.8048, 1.0998



147.4300, -2.1840, 0.4999



106.2890, -1.6215, 6.7625



73.6580, -1.3104, 0.2999



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



112.7460, -4.8048, 1.0998



145.9480, -7.8624, 1.7996



111.2510, -4.0677, -1.9741



55.3160, -2.6208, 0.5999



106.3200, -52.4158, 11.9974



218.8420, -107.8891, 24.6946

Inverse Universe

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



104.2540, 4.8048, -1.0998



132.0520, 7.8624, -1.7996



106.0480, 3.9203, 2.5889



50.6840, 2.6208, -0.5999



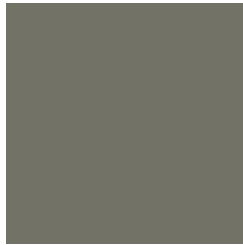
13.6800, 52.4158, -11.9974



28.1580, 107.8891, -24.6946

Previews

White Background



This preview shows how the YUV color 112.7460, -4.8048, 1.0998 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 112.7460, -4.8048, 1.0998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

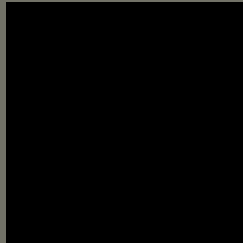
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 112.7460, -4.8048, 1.0998

Background



This preview shows how black text looks on a background with the YUV color 112.7460, -4.8048, 1.0998.



This preview shows how white text looks on a background with the YUV color 112.7460, -4.8048,

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

112.7460, -4.8048, 1.0998

Protanopia

113.2410, -5.5418, 4.1736

Deuteranopia

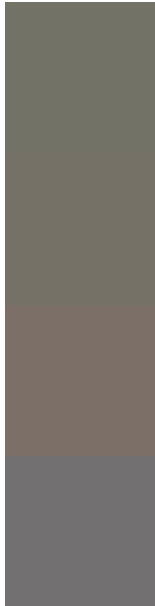
114.1110, -4.9847, 12.1807



Tritanopia

113.5210, 3.1941, 2.1741

Trichromacy



Original Color

112.7460, -4.8048, 1.0998

Protanomaly

112.9420, -5.3944, 3.5589

Deuteranomaly

113.7900, -4.8265, 8.0772

Tritanomaly

113.1250, 0.4314, 1.6444

Monochromacy



Original Color

112.7460, -4.8048, 1.0998

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.5440, -1.7472, 0.3999

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.7460, -4.8048, 1.0998 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(114, 114, 103)` looks like.

```
.text, #text, p{  
    color:rgb(114, 114, 103)  
}
```

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(114, 114, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 114, 103) }
```

Border

The CSS property to change the border of an element to YUV 112.7460, -4.8048, 1.0998 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(114, 114, 103) }
```


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

```
.border{ border-color:rgb(114, 114, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 114, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 114, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 114, 103);  
box-shadow:4px 4px 4px 4px rgb(114, 114,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 112.7460, -4.8048, 1.0998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 114, 103) }
```

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

```
.background{ background-color: rgb(114,  
114, 103) }
```

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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