

Converting Colors

YUV(112.4690, -7.6262,
66.2407)

Have a look what the booklet for
YUV(112.4690, -7.6262, 66.2407)
contains.

YUV(112.4690, -7.6262, 66.2407)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(112.4690, -7.6262,
66.2407)**

Conversions

Conversions Part 1

Format	Color
Hex	BC4D61
RGB	188, 77, 97
RGB Percent	74%, 30%, 38%
CMY	0.2627, 0.6980, 0.6196
CMYK	0.00, 0.59, 0.48, 0.26
HSL	349°, 45%, 52%
HSV	349°, 59%, 74%
XYZ	25.5506, 16.8622, 13.2173
YIQ	112.4690, 59.7360, 29.7520

Conversions

Conversions Part 2

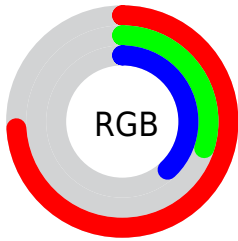
Format	Color
RYB	188, 77, 97
Decimal	12340577
CIELab	48.09, 46.46, 11.47
CIElCh	48, 47.855, 13.862
Yxy	16.8622, 0.4593, 0.3031
Android (android.graphics.Color)	4290530657 (0xFFBC4D61)
YUV	112.4690, -7.6262, 66.2407
Hunter-Lab	41.0636, 39.2050, 9.6606

Details

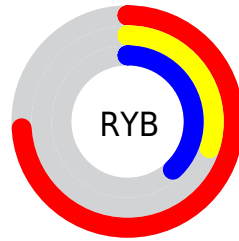
The YUV color **112.4690, -7.6262, 66.2407** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **152.5310, 7.6262, -66.2407**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.2200, -9.9685, 70.8441**, and **56.4240, -2.6740, 64.5262** is the 20% darker color. If you saturate the color by 10%, you get **99.6060, -8.6798, 77.5215**, and if you desaturate by 10%, it is **125.3320, -6.5727, 54.9598**.

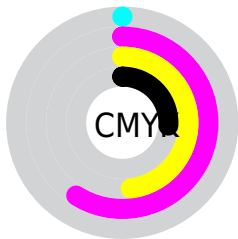
Distribution



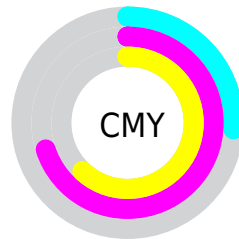
- Red (74%)
- Green (30%)
- Blue (38%)



- Red (74%)
- Yellow (30%)
- Blue (38%)



- Cyan (0%)
- Magenta (59%)
- Yellow (48%)
- Black (26%)





- Cyan (26%)
- Magenta (70%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the YUV color 112.4690, -7.6262, 66.2407 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 112.4690, -7.6262, 66.2407 by changing the saturation by 10% instead.


 112.4690, -7.6262,
66.2407

 112.4690, -7.6262,
66.2407


255.0000, 0.0000,
0.0000

 85.2130, -6.0210,
64.7112


 167.2200, -9.9685,
70.8441


 56.4240, -2.6740,
64.5262


 188.8270, -7.3097,
58.0337


 33.9180, -1.9316,
59.7079

 207.7540, -3.3297,
41.4347

 22.6960, -8.7241,
44.9936

 227.9690, 0.5083,
23.7062

 14.8790, -6.3493,
29.9241

 247.9560, 3.4727,
6.1776

 0.0000, 0.0000,
0.0000

■ 112.4690, -7.6262,
66.2407

■ 112.4690, -7.6262,
66.2407

■ 99.6060, -8.6798,
77.5215

■ 125.3320, -6.5727,
54.9598

■ 86.6290, -10.1701,
88.9024

■ 138.3090, -5.0823,
43.5790

■ 74.3530, -11.5130,
99.6684

■ 150.5850, -3.7394,
32.8130

■ 61.3760, -13.0034,
111.0492

■ 163.5620, -2.2491,
21.4321

■ 60.0880, -12.8614,
112.1788

■ 176.4250, -1.1955,
10.1513

■ 189.2880, -0.1420,
-1.1296

■ 202.2650, 1.3484,
-12.5104

■ 214.5410, 2.6913,

-23.2765

■ 227.5180, 4.1816,
-34.6573

Harmonies

Analogous

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



115.3160, 11.1832, 53.2199



112.4690, -7.6262, 66.2407



112.0170, -25.6444, 58.7441

Triad

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



112.4690, -7.6262, 66.2407



102.0050, -24.6525, -26.3144



95.2630, 47.6913, -83.5457

Complementary

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



112.4690, -7.6262, 66.2407



152.5310, 7.6262, -66.2407

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.



96.7500, 35.6193, -84.8498



112.4690, -7.6262, 66.2407



87.7440, 1.1122, -76.9515

Square

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



112.4690, -7.6262, 66.2407



107.6260, -39.7486, 9.0980



93.7060, 18.8789, -82.1802



109.2740, 41.2769, -32.6893

Rectangle

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



112.4690, -7.6262, 66.2407



111.4100, -35.2051, 45.2444



93.7060, 18.8789, -82.1802



96.3400, 44.2024, -84.4902

Sweetspot

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



112.4690, -7.6262, 66.2407



215.0680, -2.9915, 26.2504



116.8630, 35.0705, 44.8471



103.6430, -1.7960, 16.0991



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



112.4690, -7.6262, 66.2407



126.5600, -12.1081, 103.8719



130.7340, -26.4909, 50.2223



87.9190, -0.4531, 5.3330



50.4340, -11.0600, 94.3354



9.9530, -1.9488, 18.4582

Inverse Universe

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



112.4690, -7.6262, 66.2407



126.5600, -12.1081, 103.8719



134.2660, 26.4909, -50.2223



87.9190, -0.4531, 5.3330



50.4340, -11.0600, 94.3354



9.9530, -1.9488, 18.4582

Previews

White Background



This preview shows how the YUV color 112.4690, -7.6262, 66.2407 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 112.4690, -7.6262, 66.2407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

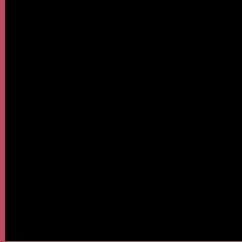
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 112.4690, -7.6262, 66.2407

Background



This preview shows how black text looks on a background with the YUV color 112.4690, -7.6262, 66.2407.



This preview shows how white text looks on a background with the YUV color 112.4690, -7.6262,

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

112.4690, -7.6262, 66.2407

Protanopia

114.8260, 0.5788, 1.0296

Deuteranopia

115.1240, -11.4001, 16.5543



Tritanopia

111.8620, -13.7360, 65.8960

Trichromacy



Original Color

112.4690, -7.6262, 66.2407

Protanomaly

114.1710, -2.5493, 24.4060

Deuteranomaly

114.2880, -10.0020, 34.8274

Tritanomaly

111.8450, -11.2626, 65.9109

Monochromacy



Original Color

112.4690, -7.6262, 66.2407

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

112.1710, -2.5493, 24.4060

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.4690, -7.6262, 66.2407 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(188, 77, 97)` looks like.

```
.text, #text, p{  
    color:rgb(188, 77, 97)  
}
```

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(188, 77, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 77, 97) }
```

Border

The CSS property to change the border of an element to YUV 112.4690, -7.6262, 66.2407 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(188, 77, 97) }
```


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

```
.border{ border-color:rgb(188, 77, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 77, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 77, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 77, 97);  
box-shadow:4px 4px 4px 4px rgb(188, 77,  
97) }
```

Background

The CSS property to change the background color of an element to YUV 112.4690, -7.6262, 66.2407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 77, 97) }
```

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

```
.background{ background-color: rgb(188, 77,  
97) }
```

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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