

Converting Colors

YUV(109.6020, -3.2548,
-29.4690)

Have a look what the booklet for
YUV(109.6020, -3.2548, -29.4690)
contains.

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Color

**YUV(109.6020, -3.2548,
-29.4690)**

Conversions

Conversions Part 1

Format	Color
Hex	4C8067
RGB	76, 128, 103
RGB Percent	30%, 50%, 40%
CMY	0.7020, 0.4980, 0.5961
CMYK	0.41, 0.00, 0.20, 0.50
HSL	151°, 25%, 40%
HSV	151°, 41%, 50%
XYZ	13.1478, 17.9541, 15.6045
YIQ	109.6020, -22.9670, -18.7990

Conversions

Conversions Part 2

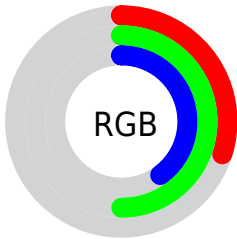
Format	Color
RYB	76, 110, 128
Decimal	5013607
CIELab	49.44, -23.48, 8.17
CIELCh	49, 24.862, 160.827
Yxy	17.9541, 0.2815, 0.3844
Android (android.graphics.Color)	4283203687 (0xFF4C8067)
YUV	109.6020, -3.2548, -29.4690
Hunter-Lab	42.3723, -18.7641, 7.8258

Details

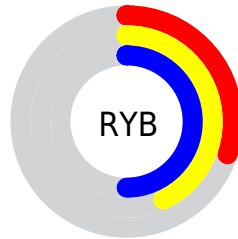
The YUV color **109.6020, -3.2548, -29.4690** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **94.3980, 3.2548, 29.4690**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.7760, -3.8336, -30.4986**, and **59.9440, -1.9444, -29.7689** is the 20% darker color. If you saturate the color by 10%, you get **105.0310, -3.9593, -36.8612**, and if you desaturate by 10%, it is **114.1730, -2.5503, -22.0767**.

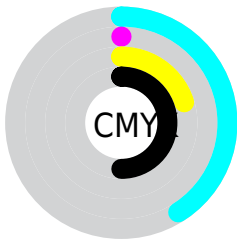
Distribution



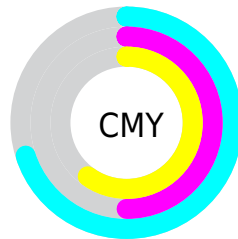
- Red (30%)
- Green (50%)
- Blue (40%)



- Red (30%)
- Yellow (43%)
- Blue (50%)



- Cyan (41%)
- Magenta (0%)
- Yellow (20%)
- Black (50%)



- Cyan (70%)
- Magenta (50%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.6020, -3.2548, -29.4690 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 109.6020, -3.2548, -29.4690 by changing the saturation by 10% instead.

■ 109.6020, -3.2548,
-29.4690

■ 109.6020, -3.2548,
-29.4690

■ 255.0000, 0.0000,
0.0000

■ 84.7160, -2.8180,
-29.5689

■ 161.7760, -3.8336,
-30.4986

■ 59.9440, -1.9444,
-29.7689

■ 189.3630, -4.1230,
-31.0134

■ 36.2750, -0.6286,
-31.8132

■ 216.9500, -4.4123,
-31.5281

■ 21.4400, -4.1609,
-18.8029

■ 239.1940, -1.0816,
-26.4801

■ 0.0000, 0.0000,
0.0000

■ 249.9170, 2.5059,
-10.4512

■ 109.6020, -3.2548,
-29.4690

■ 109.6020, -3.2548,
-29.4690

■ 105.0310, -3.9593,
-36.8612

■ 114.1730, -2.5503,
-22.0767

■ 100.4600, -4.6638,
-44.2534

■ 118.7440, -1.8458,
-14.6845

■ 96.1880, -5.5157,
-51.0309

■ 123.0160, -0.9939,
-7.9070

■ 91.5030, -6.6570,
-58.3231

■ 127.7010, 0.1474,
-0.6148

■ 86.9320, -7.3615,
-65.7154

■ 132.2720, 0.8519,
6.7775

■ 82.6600, -8.2134,
-72.4928

■ 136.8430, 1.5564,
14.1697

■ 141.4140, 2.2609,
21.5619

■ 145.6860, 3.1128,

28.3394

■ 150.2570, 3.8173,
35.7316

Harmonies

Analogous

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



112.6770, -13.6448, -10.2407



109.6020, -3.2548, -29.4690



105.8200, 9.4557, -46.3231

Triad

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



109.6020, -3.2548, -29.4690



117.0040, 20.7040, -14.0355



118.6530, -13.6329, 32.7533

Complementary

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



109.6020, -3.2548, -29.4690



94.3980, 3.2548, 29.4690

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.



120.0690, -4.4710, 34.1425



109.6020, -3.2548, -29.4690



119.9530, 14.8132, 8.8112

Square

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



109.6020, -3.2548, -29.4690



110.4310, 22.9585, -37.2120



120.3590, 5.7390, 25.9952



117.6920, -19.5682, 23.0721

Rectangle

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



109.6020, -3.2548, -29.4690



104.3230, 16.6028, -52.0263



120.3590, 5.7390, 25.9952



118.7610, -10.7282, 34.4126

Sweetspot

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



109.6020, -3.2548, -29.4690



158.8800, -1.4198, -11.2958



113.9990, -18.7335, -11.4001



79.7280, -0.8519, -6.7775



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



109.6020, -3.2548, -29.4690



137.3350, -5.0952, -45.8978



111.8650, 7.9546, -31.4536



61.5650, -0.2785, -4.0035



82.6600, -8.2134, -72.4928



0.0000, 0.0000, 0.0000

Inverse Universe

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



94.3980, 3.2548, 29.4690



113.6650, 5.0952, 45.8978



92.1350, -7.9546, 31.4536



59.4350, 0.2785, 4.0035



45.2260, 7.7766, 72.5928



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 109.6020, -3.2548, -29.4690 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 109.6020, -3.2548, -29.4690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

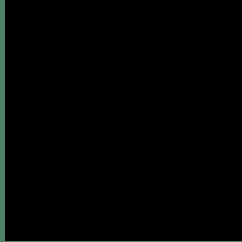
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 109.6020, -3.2548, -29.4690

Background



This preview shows how black text looks on a background with the YUV color 109.6020, -3.2548, -29.4690.



This preview shows how white text looks on a background with the YUV color 109.6020, -3.2548, -29.4690.

-29.4690.

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

109.6020, -3.2548, -29.4690

Protanopia

116.8130, -9.7678, 6.3030

Deuteranopia

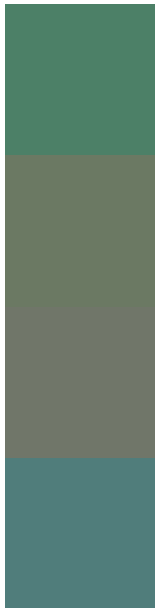
117.8830, -5.8583, 12.3806



Tritanopia

112.8810, 10.4117, -26.2056

Trichromacy



Original Color

109.6020, -3.2548, -29.4690

Protanomaly

114.3060, -7.5459, -6.4074

Deuteranomaly

114.7240, -4.7939, -2.3889

Tritanomaly

111.3170, 5.7597, -27.4650

Monochromacy



Original Color

109.6020, -3.2548, -29.4690

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

110.1790, -1.5672, -10.6810

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.6020, -3.2548, -29.4690 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(76, 128, 103)` looks like.

```
.text, #text, p{  
    color:rgb(76, 128, 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(76, 128, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 128, 103) }
```

Border

The CSS property to change the border of an element to YUV 109.6020, -3.2548, -29.4690 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(76, 128, 103) }
```


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

```
.border{ border-color:rgb(76, 128, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 128, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 128, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 128, 103);  
box-shadow:4px 4px 4px 4px rgb(76, 128,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 109.6020, -3.2548, -29.4690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 128, 103) }
```

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

```
.background{ background-color: rgb(76, 128,  
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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