

Converting Colors

YUV(106.9460, -8.3544,
-27.1396)

Have a look what the booklet for
YUV(106.9460, -8.3544, -27.1396)
contains.

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Color

**YUV(106.9460, -8.3544,
-27.1396)**

Conversions

Conversions Part 1

Format	Color
Hex	4C7E5A
RGB	76, 126, 90
RGB Percent	30%, 49%, 35%
CMY	0.7020, 0.5059, 0.6471
CMYK	0.40, 0.00, 0.29, 0.51
HSL	137°, 25%, 40%
HSV	137°, 40%, 49%
XYZ	12.2868, 17.1964, 12.3445
YIQ	106.9460, -18.2440, -21.7960

Conversions

Conversions Part 2

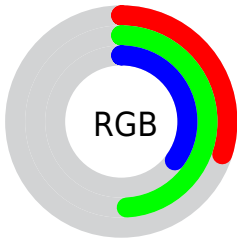
Format	Color
RYB	76, 115, 126
Decimal	5013082
CIELab	48.51, -25.23, 14.42
CIELCh	49, 29.060, 150.251
Yxy	17.1964, 0.2937, 0.4111
Android (android.graphics.Color)	4283203162 (0xFF4C7E5A)
YUV	106.9460, -8.3544, -27.1396
Hunter-Lab	41.4685, -19.6818, 11.3783

Details

The YUV color **106.9460, -8.3544, -27.1396** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **95.0540, 8.3544, 27.1396**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.0060, -9.3700, -28.0693**, and **58.2880, -7.0440, -27.4396** is the 20% darker color. If you saturate the color by 10%, you get **102.0330, -10.3693, -34.2319**, and if you desaturate by 10%, it is **111.8590, -6.3395, -20.0473**.

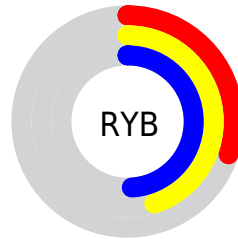
Distribution



Red (30%)

Green (49%)

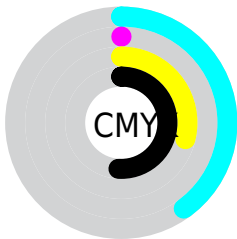
Blue (35%)



Red (30%)

Yellow (45%)

Blue (49%)

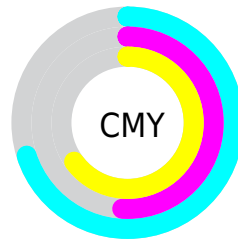


Cyan (40%)

Magenta (0%)

Yellow (29%)

Black (51%)



Cyan (70%)

Magenta (51%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.9460, -8.3544, -27.1396 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 106.9460, -8.3544, -27.1396 by changing the saturation by 10% instead.

■ 106.9460, -8.3544,
-27.1396

■ 106.9460, -8.3544,
-27.1396

■ 255.0000, 0.0000,
0.0000

■ 82.0600, -7.9176,
-27.2396

■ 159.0060, -9.3700,
-28.0693

■ 58.2880, -7.0440,
-27.4396

■ 186.5930, -9.6593,
-28.5841

■ 33.7330, -5.2914,
-29.5838

■ 214.1800, -9.9487,
-29.0989

■ 19.3710, -9.5499,
-16.9884

■ 237.4840, -7.6336,
-24.9805

■ 0.0000, 0.0000,
0.0000

■ 249.0480, 0.4693,
-10.5661

■ 106.9460, -8.3544,
-27.1396

■ 106.9460, -8.3544,
-27.1396

■ 102.0330,
-10.3693, -34.2319

■ 111.8590, -6.3395,
-20.0473

■ 97.4190, -12.5316,
-40.7095

■ 116.4730, -4.1772,
-13.5698

■ 92.5060, -14.5465,
-47.8018

■ 121.3860, -2.1623,
-6.4775

■ 87.8920, -16.7088,
-54.2793

■ 126.0000, 0.0000,
0.0000

■ 82.9790, -18.7236,
-61.3716

■ 130.9130, 2.0149,
7.0923

■ 78.0660, -20.7385,
-68.4639

■ 135.8260, 4.0298,
14.1846

■ 77.9520, -21.1753,
-68.3639

■ 140.5540, 6.6289,
20.5621

■ 145.4670, 8.6438,

27.6544

■ 150.0810, 10.8061,
34.1320

Harmonies

Analogous

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



110.6300, -19.0446, -4.9375



106.9460, -8.3544, -27.1396



100.5050, 7.1460, -52.1859

Triad

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



106.9460, -8.3544, -27.1396



111.5830, 25.8416, -28.5753



116.4520, -12.0548, 39.9456

Complementary

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



106.9460, -8.3544, -27.1396



95.0540, 8.3544, 27.1396

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.



117.7150, -0.8455, 37.9609



106.9460, -8.3544, -27.1396



117.2770, 20.0764, 0.6341

Square

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



106.9460, -8.3544, -27.1396



100.2540, 27.9758, -59.8588



118.3140, 10.6912, 24.2806



115.1060, -20.7583, 31.4790

Rectangle

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



106.9460, -8.3544, -27.1396



93.3590, 18.5570, -72.2288



118.3140, 10.6912, 24.2806



116.9620, -8.8553, 40.3753

Sweetspot

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



106.9460, -8.3544, -27.1396



155.7230, -3.3144, -10.2811



116.4130, -19.9236, -2.9932



77.3860, -2.1623, -6.4775



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.



106.9460, -8.3544, -27.1396



133.2940, -12.9629, -42.3538



109.6820, 2.1288, -29.5391



61.3370, -1.1521, -3.8035



79.2400, -21.3173, -69.4935



0.0000, 0.0000, 0.0000

Inverse Universe

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



95.0540, 8.3544, 27.1396



114.7060, 12.9629, 42.3538



92.3180, -2.1288, 29.5391



59.6630, 1.1521, 3.8035



48.7600, 21.3173, 69.4935



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 106.9460, -8.3544, -27.1396 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 106.9460, -8.3544, -27.1396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

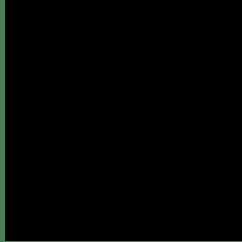
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 106.9460, -8.3544, -27.1396

Background



This preview shows how black text looks on a background with the YUV color 106.9460, -8.3544, -27.1396.



This preview shows how white text looks on a background with the YUV color 106.9460, -8.3544, -27.1396.

-27.1396.

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

106.9460, -8.3544, -27.1396

Protanopia

113.9720, -14.2832, 7.9176

Deuteranopia

114.9390, -10.8159, 15.8395



Tritanopia

111.2620, 9.2378, -23.0318

Trichromacy



Original Color

106.9460, -8.3544, -27.1396

Protanomaly

111.4650, -12.0612, -4.7928

Deuteranomaly

112.0680, -9.8935, -0.0596

Tritanomaly

109.8290, 2.5493, -24.4060

Monochromacy



Original Color

106.9460, -8.3544, -27.1396

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

107.1360, -3.0250, -9.7663

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.9460, -8.3544, -27.1396 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, 126, 90)` looks like.

```
.text, #text, p{  
    color:rgb(76, 126, 90)  
}
```

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, 126, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 126, 90) }
```

Border

The CSS property to change the border of an element to YUV 106.9460, -8.3544, -27.1396 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, 126, 90) }
```


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

```
.border{ border-color:rgb(76, 126, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 126, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 126, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 126, 90);  
box-shadow:4px 4px 4px 4px rgb(76, 126,  
90) }
```

Background

The CSS property to change the background color of an element to YUV 106.9460, -8.3544, -27.1396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 126, 90) }
```

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

```
.background{ background-color: rgb(76, 126,  
90) }
```

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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