

Converting Colors

YUV(106.7180, -9.2280,
-26.9397)

Have a look what the booklet for
YUV(106.7180, -9.2280, -26.9397)
contains.

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Color

**YUV(106.7180, -9.2280,
-26.9397)**

Conversions

Conversions Part 1

Format	Color
Hex	4C7E58
RGB	76, 126, 88
RGB Percent	30%, 49%, 35%
CMY	0.7020, 0.5059, 0.6549
CMYK	0.40, 0.00, 0.30, 0.51
HSL	134°, 25%, 40%
HSV	134°, 40%, 49%
XYZ	12.2028, 17.1628, 11.9021
YIQ	106.7180, -17.6020, -22.4180

Conversions

Conversions Part 2

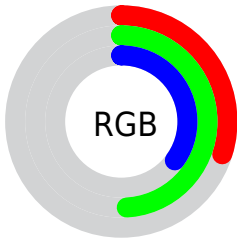
Format	Color
R_{YB}	76, 116, 126
Decimal	5013080
CIE _{Lab}	48.46, -25.63, 15.52
CIE _{LCh}	48, 29.958, 148.803
Yxy	17.1628, 0.2957, 0.4159
Android (android.graphics.Color)	4283203160 (0xFF4C7E58)
YUV	106.7180, -9.2280, -26.9397
Hunter-Lab	41.4280, -19.9210, 11.9658

Details

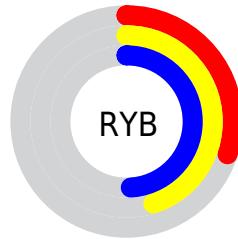
The YUV color **106.7180, -9.2280, -26.9397** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **95.2820, 9.2280, 26.9397**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.7780, -10.2436, -27.8693**, and **57.4730, -7.6282, -26.7248** is the 20% darker color. If you saturate the color by 10%, you get **101.6910, -11.6797, -33.9320**, and if you desaturate by 10%, it is **111.7450, -6.7763, -19.9474**.

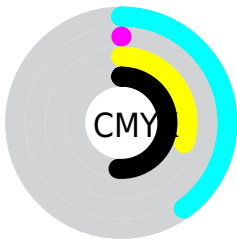
Distribution



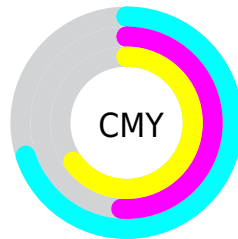
- Red (30%)
- Green (49%)
- Blue (35%)



- Red (30%)
- Yellow (45%)
- Blue (49%)



- Cyan (40%)
- Magenta (0%)
- Yellow (30%)
- Black (51%)



- Cyan (70%)
- Magenta (51%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.7180, -9.2280, -26.9397 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 106.7180, -9.2280, -26.9397 by changing the saturation by 10% instead.

■ 106.7180, -9.2280,
-26.9397

■ 106.7180, -9.2280,
-26.9397

255.0000, 0.0000,
0.0000

■ 81.8320, -8.7912,
-27.0397

■ 158.7780,
-10.2436, -27.8693

■ 57.4730, -7.6282,
-26.7248

■ 186.2510,
-10.9697, -28.2841

■ 33.5050, -6.1650,
-29.3839

■ 213.9520,
-10.8223, -28.8989

■ 19.3710, -9.5499,
-16.9884

■ 237.2560, -8.5072,
-24.7805

■ 0.0000, 0.0000,
0.0000

■ 248.8200, -0.4043,
-10.3661

■ 106.7180, -9.2280,
-26.9397

■ 106.7180, -9.2280,
-26.9397

■ 101.6910,
-11.6797, -33.9320

■ 111.7450, -6.7763,
-19.9474

■ 97.0770, -13.8420,
-40.4095

■ 116.3590, -4.6140,
-13.4698

■ 92.0500, -16.2936,
-47.4018

■ 121.3860, -2.1623,
-6.4775

■ 87.4360, -18.4559,
-53.8794

■ 126.0000, 0.0000,
0.0000

■ 82.4090, -20.9076,
-60.8717

■ 131.0270, 2.4517,
6.9923

■ 77.4960, -22.9225,
-67.9640

■ 135.9400, 4.4666,
14.0846

■ 77.3820, -23.3593,
-67.8640

■ 140.6680, 7.0657,
20.4622

■ 145.6950, 9.5174,

27.4545

■ 150.3090, 11.6797,
33.9320

Harmonies

Analogous

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



110.7010, -20.0656, -4.1228



106.7180, -9.2280, -26.9397



99.6790, 6.5673, -53.2155

Triad

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



106.7180, -9.2280, -26.9397



110.5010, 26.8680, -31.1344



116.1640, -11.9129, 41.0752

Complementary

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



106.7180, -9.2280, -26.9397



95.2820, 9.2280, 26.9397

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.



117.5410, -0.2667, 38.9905



106.7180, -9.2280, -26.9397



116.7930, 20.8081, -0.6955

Square

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



106.7180, -9.2280, -26.9397



97.6660, 29.7447, -67.2361



118.5420, 11.5648, 24.0807



114.7040, -21.0531, 32.7086

Rectangle

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



106.7180, -9.2280, -26.9397



90.0700, 20.1785, -78.9914



118.5420, 11.5648, 24.0807



116.7880, -8.2765, 41.4049

Sweetspot

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



106.7180, -9.2280, -26.9397



155.6090, -3.7512, -10.1811



116.7120, -20.0710, -2.3784



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.



106.7180, -9.2280, -26.9397



132.9520, -14.2733, -42.0539



109.5680, 1.6920, -29.4391



61.3370, -1.1521, -3.8035



78.6700, -23.5013, -68.9936



0.0000, 0.0000, 0.0000

Inverse Universe

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



95.2820, 9.2280, 26.9397



115.0480, 14.2733, 42.0539



92.4320, -1.6920, 29.4391



59.6630, 1.1521, 3.8035



49.3300, 23.5013, 68.9936



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 106.7180, -9.2280, -26.9397 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 106.7180, -9.2280, -26.9397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

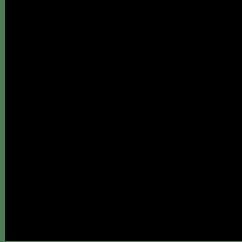
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 106.7180, -9.2280, -26.9397

Background



This preview shows how black text looks on a background with the YUV color 106.7180, -9.2280, -26.9397.



This preview shows how white text looks on a background with the YUV color 106.7180, -9.2280,

-26.9397.

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

106.7180, -9.2280, -26.9397

Protanopia

113.1570, -14.8674, 8.6323

Deuteranopia

115.0100, -11.8369, 16.6542



Tritanopia

111.2620, 9.2378, -23.0318

Trichromacy



Original Color

106.7180, -9.2280, -26.9397

Protanomaly

110.6500, -12.6454, -4.0780

Deuteranomaly

112.1390, -10.9145, 0.7551

Tritanomaly

109.8290, 2.5493, -24.4060

Monochromacy



Original Color

106.7180, -9.2280, -26.9397

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

107.0220, -3.4618, -9.6663

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.7180, -9.2280, -26.9397 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, 88)` looks like.

```
.text, #text, p{  
    color:rgb(76, 126, 88)  
}
```

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, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 126, 88) }
```

Border

The CSS property to change the border of an element to YUV 106.7180, -9.2280, -26.9397 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, 88) }
```


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

```
.border{ border-color:rgb(76, 126, 88) }
```

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, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 126, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 126, 88);  
box-shadow:4px 4px 4px 4px rgb(76, 126,  
88) }
```

Background

The CSS property to change the background color of an element to YUV 106.7180, -9.2280, -26.9397 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, 88) }
```

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

```
.background{ background-color: rgb(76, 126,  
88) }
```

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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