

Converting Colors

YUV(109.6280, 0.6764,
-30.3688)

Have a look what the booklet for
YUV(109.6280, 0.6764, -30.3688)
contains.

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Color

**YUV(109.6280, 0.6764,
-30.3688)**

Conversions

Conversions Part 1

Format	Color
Hex	4B7F6F
RGB	75, 127, 111
RGB Percent	29%, 50%, 44%
CMY	0.7059, 0.5020, 0.5647
CMYK	0.41, 0.00, 0.13, 0.50
HSL	162°, 26%, 40%
HSV	162°, 41%, 50%
XYZ	13.3603, 17.8223, 17.7748
YIQ	109.6280, -25.8560, -16.0000

Conversions

Conversions Part 2

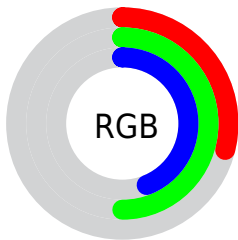
Format	Color
R_{YB}	75, 106, 127
Decimal	4947823
CIE _{Lab}	49.28, -21.41, 3.25
CIE _{LCh}	49, 21.650, 171.379
Yxy	17.8223, 0.2729, 0.3640
Android (android.graphics.Color)	4283137903 (0xFF4B7F6F)
YUV	109.6280, 0.6764, -30.3688
Hunter-Lab	42.2165, -17.3888, 4.5881

Details

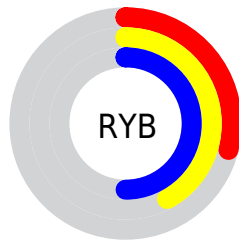
The YUV color $109.6280, 0.6764, -30.3688$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $92.3720, -0.6764, 30.3688$, and the grayscale version is $110.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $161.9160, 0.5344, -31.4983$, and $60.4430, 1.2606, -31.0835$ is the 20% darker color. If you saturate the color by 10%, you get $105.2850, 0.8455, -37.9609$, and if you desaturate by 10%, it is $113.9710, 0.5073, -22.7766$.

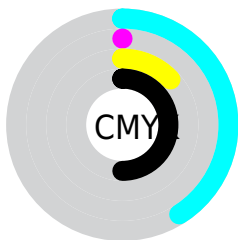
Distribution



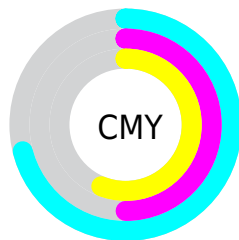
- Red (29%)
- Green (50%)
- Blue (44%)



- Red (29%)
- Yellow (42%)
- Blue (50%)



- Cyan (41%)
- Magenta (0%)
- Yellow (13%)
- Black (50%)



- Cyan (71%)
- Magenta (50%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.6280, 0.6764, -30.3688 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 109.6280, 0.6764, -30.3688 by changing the saturation by 10% instead.

■ 109.6280, 0.6764,
-30.3688

■ 109.6280, 0.6764,
-30.3688

■ 255.0000, 0.0000,
0.0000

■ 84.7420, 1.1132,
-30.4687

■ 161.9160, 0.5344,
-31.4983

■ 60.4430, 1.2606,
-31.0835

■ 189.5030, 0.2450,
-32.0131

■ 36.4860, 2.7184,
-31.9982

■ 217.0900, -0.0444,
-32.5279

■ 21.7650, -0.3771,
-19.0879

■ 239.9210, 2.9969,
-27.9947

■ 0.0000, 0.0000,
0.0000

■ 249.6180, 2.6533,
-11.0660

■ 109.6280, 0.6764,
-30.3688

■ 109.6280, 0.6764,
-30.3688

■ 105.2850, 0.8455,
-37.9609

■ 113.9710, 0.5073,
-22.7766

■ 101.2410, 0.8672,
-44.9384

■ 118.0150, 0.4856,
-15.7992

■ 96.8980, 1.0363,
-52.5305

■ 122.3580, 0.3165,
-8.2070

■ 92.5550, 1.2054,
-60.1227

■ 126.7010, 0.1474,
-0.6148

■ 88.5110, 1.2271,
-67.1001

■ 131.0440, -0.0217,
6.9774

■ 84.5810, 1.6856,
-74.1775

■ 134.9740, -0.4802,
14.0548

■ 139.3170, -0.6493,
21.6470

■ 143.6600, -0.8184,

29.2392

■ 147.7040, -0.8401,
36.2166

Harmonies

Analogous

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



112.7950, -9.2659, -14.7292



109.6280, 0.6764, -30.3688



107.6080, 11.0393, -40.8752

Triad

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



109.6280, 0.6764, -30.3688



117.9190, 16.3089, -4.3140



118.0930, -14.3428, 27.1054

Complementary

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



109.6280, 0.6764, -30.3688



92.3720, -0.6764, 30.3688

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.



119.0640, -6.9336, 30.6389



109.6280, 0.6764, -30.3688



119.7210, 9.9975, 13.3997

Square

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



109.6280, 0.6764, -30.3688



113.5960, 19.4262, -24.2017



119.9200, 1.5184, 26.3802



116.5170, -17.5099, 16.2096

Rectangle

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



109.6280, 0.6764, -30.3688



108.2750, 16.1334, -41.4602



119.9200, 1.5184, 26.3802



118.0870, -11.8749, 28.8647

Sweetspot

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



109.6280, 0.6764, -30.3688



159.3360, 0.3274, -11.6957



110.3080, -17.4068, -16.9331



80.0700, 0.4585, -7.0774



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.



109.6280, 0.6764, -30.3688



138.9310, 1.0200, -47.2975



105.5820, 10.5591, -26.8204



61.6790, 0.1583, -4.1035



85.1680, 1.3962, -74.6923



0.0000, 0.0000, 0.0000

Inverse Universe

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



92.3720, -0.6764, 30.3688



112.0690, -1.0200, 47.2975



96.4180, -10.5591, 26.8204



59.3210, -0.1583, 4.1035



42.7180, -1.8330, 74.7923



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 109.6280, 0.6764, -30.3688 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 109.6280, 0.6764, -30.3688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

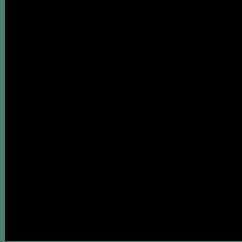
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 109.6280, 0.6764, -30.3688

Background



This preview shows how black text looks on a background with the YUV color 109.6280, 0.6764, -30.3688.



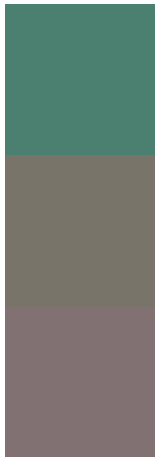
This preview shows how white text looks on a background with the YUV color 109.6280, 0.6764,

-30.3688.

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

109.6280, 0.6764, -30.3688

Protanopia

116.2410, -5.5418, 4.1736

Deuteranopia

117.8980, -1.9217, 9.7365



Tritanopia

112.2830, 10.7065, -27.4352

Trichromacy



Original Color

109.6280, 0.6764, -30.3688

Protanomaly

113.7340, -3.3199, -8.5367

Deuteranomaly

114.7390, -0.8573, -5.0331

Tritanomaly

111.3600, 7.2175, -28.3797

Monochromacy



Original Color

109.6280, 0.6764, -30.3688

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.6350, 0.1799, -11.0809

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.6280, 0.6764, -30.3688 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(75, 127, 111)` looks like.

```
.text, #text, p{  
    color:rgb(75, 127, 111)  
}
```

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(75, 127, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 127, 111) }
```

Border

The CSS property to change the border of an element to YUV 109.6280, 0.6764, -30.3688 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(75, 127, 111) }
```


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

```
.border{ border-color:rgb(75, 127, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 127, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 127, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 127, 111);  
box-shadow:4px 4px 4px 4px rgb(75, 127,  
111) }
```

Background

The CSS property to change the background color of an element to YUV 109.6280, 0.6764, -30.3688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 127, 111) }
```

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

```
.background{ background-color: rgb(75, 127,  
111) }
```

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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