

Converting Colors

YUV(110.0040, 0.4910,
-17.5435)

Have a look what the booklet for
YUV(110.0040, 0.4910, -17.5435)
contains.

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Color

**YUV(110.0040, 0.4910,
-17.5435)**

Conversions

Conversions Part 1

Format	Color
Hex	5A786F
RGB	90, 120, 111
RGB Percent	35%, 47%, 44%
CMY	0.6471, 0.5294, 0.5647
CMYK	0.25, 0.00, 0.07, 0.53
HSL	162°, 14%, 41%
HSV	162°, 25%, 47%
XYZ	13.8022, 16.7543, 17.5454
YIQ	110.0040, -14.9910, -9.1590

Conversions

Conversions Part 2

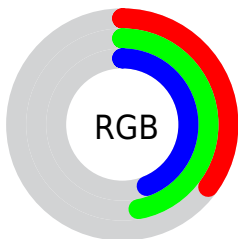
Format	Color
R_{YB}	90, 108, 120
Decimal	5929071
CIE _{Lab}	47.95, -12.83, 1.42
CIE _{LCh}	48, 12.912, 173.673
Yxy	16.7543, 0.2869, 0.3483
Android (android.graphics.Color)	4284119151 (0xFF5A786F)
YUV	110.0040, 0.4910, -17.5435
Hunter-Lab	40.9320, -11.4413, 3.2379

Details

The YUV color $[110.0040, 0.4910, -17.5435]$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $[99.9960, -0.4910, 17.5435]$, and the grayscale version is $[110.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[161.7050, 0.6384, -18.1583]$, and $[61.7160, 0.6330, -16.4139]$ is the 20% darker color. If you saturate the color by 10%, you get $[105.9600, 0.5127, -24.5209]$, and if you desaturate by 10%, it is $[114.0480, 0.4693, -10.5661]$.

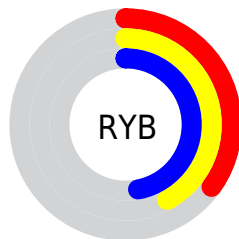
Distribution



Red (35%)

Green (47%)

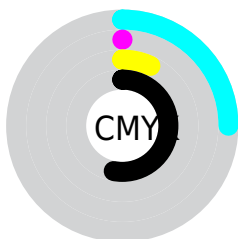
Blue (44%)



Red (35%)

Yellow (42%)

Blue (47%)

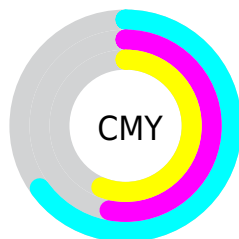


Cyan (25%)

Magenta (0%)

Yellow (7%)

Black (53%)



Cyan (65%)

Magenta (53%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 110.0040, 0.4910, -17.5435 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 110.0040, 0.4910, -17.5435 by changing the saturation by 10% instead.

■ 110.0040, 0.4910,
-17.5435

■ 110.0040, 0.4910,
-17.5435

■ 255.0000, 0.0000,
0.0000

■ 85.4170, 0.7804,
-17.0287

■ 161.7050, 0.6384,
-18.1583

■ 61.7160, 0.6330,
-16.4139

■ 188.9930, 0.4965,
-19.2879

■ 39.8300, 1.0698,
-16.5139

■ 216.8790, 0.0597,
-19.1879

■ 18.8300, 1.0698,
-16.5139

■ 244.4060, 0.7858,
-18.7731

■ 0.0000, 0.0000,
0.0000

■ 253.8040, 0.5896,
-2.4591

■ 110.0040, 0.4910,
-17.5435

■ 110.0040, 0.4910,
-17.5435

■ 105.9600, 0.5127,
-24.5209

■ 114.0480, 0.4693,
-10.5661

■ 102.0300, 0.9712,
-31.5983

■ 117.9780, 0.0108,
-3.4887

■ 97.9860, 0.9929,
-38.5757

■ 122.0220, -0.0108,
3.4887

■ 94.0560, 1.4514,
-45.6531

■ 125.9520, -0.4693,
10.5661

■ 90.0120, 1.4731,
-52.6305

■ 129.9960, -0.4910,
17.5435

■ 85.9680, 1.4948,
-59.6079

■ 134.0400, -0.5127,
24.5209

■ 82.0380, 1.9533,
-66.6853

■ 137.9700, -0.9712,
31.5983

■ 80.0160, 1.9641,

■ 142.0140, -0.9929,

-70.1740

38.5757

 145.9440, -1.4514,
45.6531

Harmonies

Analogous

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



111.5660, -5.2090, -9.2664



110.0040, 0.4910, -17.5435



109.7630, 6.0328, -21.7172

Triad

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



110.0040, 0.4910, -17.5435



114.8070, 9.4621, -1.5847



114.8080, -8.7793, 15.9544

Complementary

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



110.0040, 0.4910, -17.5435



99.9960, -0.4910, 17.5435

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.



115.8560, -4.8590, 18.5433



110.0040, 0.4910, -17.5435



115.5480, 5.6458, 9.1664

Square

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



110.0040, 0.4910, -17.5435



112.4960, 11.0945, -11.8360



115.6260, 0.6774, 16.1140



113.6070, -10.6523, 9.9917

Rectangle

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



110.0040, 0.4910, -17.5435



110.1590, 8.7956, -21.1874



115.6260, 0.6774, 16.1140



115.0470, -7.9112, 17.4988

Sweetspot

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



110.0040, 0.4910, -17.5435



151.6570, 0.1691, -7.5922



110.3010, -10.0084, -9.9110



76.3800, 0.3057, -4.7183



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



110.0040, 0.4910, -17.5435



140.3510, 0.8130, -27.4948



107.5080, 6.1586, -15.3545



58.9780, 0.0108, -3.4887



83.2930, 1.8276, -73.0480



168.1020, 4.3867, -147.4255

Inverse Universe

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



99.9960, -0.4910, 17.5435



124.6490, -0.8130, 27.4948



102.4920, -6.1586, 15.3545



57.0220, -0.0108, 3.4887



41.5930, -2.2643, 73.1479



84.0120, -3.9499, 147.3255

Previews

White Background



This preview shows how the YUV color 110.0040, 0.4910, -17.5435 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 110.0040, 0.4910, -17.5435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

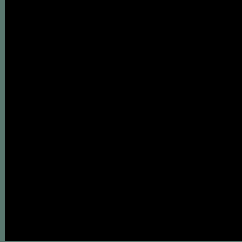
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 110.0040, 0.4910, -17.5435

Background



This preview shows how black text looks on a background with the YUV color 110.0040, 0.4910, -17.5435.



This preview shows how white text looks on a background with the YUV color 110.0040, 0.4910,

-17.5435.

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

110.0040, 0.4910, -17.5435

Protanopia

113.5120, -3.2104, 3.0590

Deuteranopia

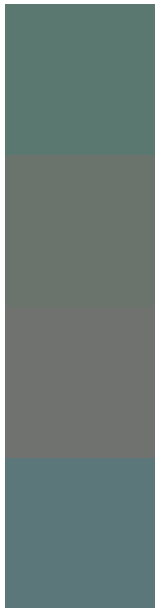
114.5280, -0.7533, 8.3069



Tritanopia

111.5510, 7.6164, -16.2692

Trichromacy



Original Color

110.0040, 0.4910, -17.5435

Protanomaly

112.3970, -2.1677, -4.7332

Deuteranomaly

113.1740, -0.5788, -1.0296

Tritanomaly

111.1550, 4.8536, -16.7989

Monochromacy



Original Color

110.0040, 0.4910, -17.5435

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

110.2550, -0.1257, -6.3626

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.0040, 0.4910, -17.5435 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(90, 120, 111)` looks like.

```
.text, #text, p{  
    color:rgb(90, 120, 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(90, 120, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 120, 111) }
```

Border

The CSS property to change the border of an element to YUV 110.0040, 0.4910, -17.5435 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(90, 120, 111) }
```


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

```
.border{ border-color:rgb(90, 120, 111) }
```

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

Here you see how a box with a 4 pixel rgb(90, 120, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 120, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 120, 111);  
box-shadow:4px 4px 4px 4px rgb(90, 120,  
111) }
```

Background

The CSS property to change the background color of an element to YUV 110.0040, 0.4910, -17.5435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 120, 111) }
```

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

```
.background{ background-color: rgb(90, 120,  
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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