

Converting Colors

YUV(120.4810, 0.2559,
-35.5018)

Have a look what the booklet for
YUV(120.4810, 0.2559, -35.5018)
contains.

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Color

**YUV(120.4810, 0.2559,
-35.5018)**

Conversions

Conversions Part 1

Format	Color
Hex	508D79
RGB	80, 141, 121
RGB Percent	31%, 55%, 47%
CMY	0.6863, 0.4471, 0.5255
CMYK	0.43, 0.00, 0.14, 0.45
HSL	160°, 28%, 43%
HSV	160°, 43%, 55%
XYZ	16.2843, 22.1357, 21.5035
YIQ	120.4810, -29.9360, -19.1520

Conversions

Conversions Part 2

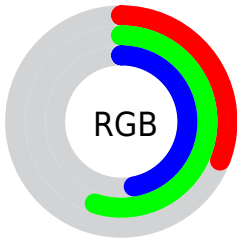
Format	Color
R_{YB}	80, 116, 141
Decimal	5279097
CIE _{Lab}	54.17, -24.76, 4.51
CIE _{LCh}	54, 25.165, 169.666
Yxy	22.1357, 0.2718, 0.3694
Android (android.graphics.Color)	4283469177 (0xFF508D79)
YUV	120.4810, 0.2559, -35.5018
Hunter-Lab	47.0486, -20.5531, 5.8356

Details

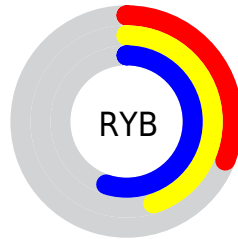
The YUV color **120.4810, 0.2559, -35.5018** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **100.5190, -0.2559, 35.5018**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.6550, -0.3229, -36.5314**, and **69.2250, 1.8611, -37.0313** is the 20% darker color. If you saturate the color by 10%, you get **115.7250, 0.1356, -43.6088**, and if you desaturate by 10%, it is **125.2370, 0.3762, -27.3948**.

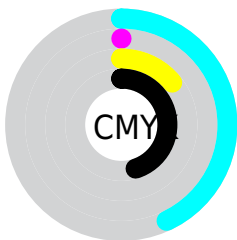
Distribution



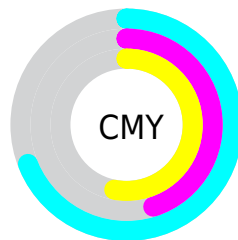
- Red (31%)
- Green (55%)
- Blue (47%)



- Red (31%)
- Yellow (45%)
- Blue (55%)



- Cyan (43%)
- Magenta (0%)
- Yellow (14%)
- Black (45%)



- Cyan (69%)
- Magenta (45%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.4810, 0.2559, -35.5018 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 120.4810, 0.2559, -35.5018 by changing the saturation by 10% instead.

■ 120.4810, 0.2559,
-35.5018

■ 120.4810, 0.2559,
-35.5018

■ 255.0000, 0.0000,
0.0000

■ 94.5950, 0.6927,
-35.6018

■ 173.6550, -0.3229,
-36.5314

■ 69.2250, 1.8611,
-37.0313

■ 201.3560, -0.1755,
-37.1462

■ 45.0290, 2.4507,
-39.4904

■ 229.9430, -0.4649,
-37.6610

■ 29.1340, -0.0661,
-25.5505

■ 243.0400, 5.8963,
-24.5911

■ 13.8430, -5.3456,
-12.1403

■ 251.7110, 1.6215,
-6.7625

■ 0.0000, 0.0000,
0.0000

■ 120.4810, 0.2559,
-35.5018

■ 120.4810, 0.2559,
-35.5018

■ 115.7250, 0.1356,
-43.6088

■ 125.2370, 0.3762,
-27.3948

■ 111.0830, 0.4521,
-51.8158

■ 129.8790, 0.0597,
-19.1879

■ 106.3270, 0.3318,
-59.9228

■ 134.6350, 0.1799,
-11.0809

■ 101.6850, 0.6483,
-68.1297

■ 139.2770, -0.1366,
-2.8739

■ 96.6300, 0.6754,
-76.8515

■ 144.3320, -0.1637,
5.8478

■ 93.5970, 0.6917,
-82.0846

■ 149.0880, -0.0434,
13.9548

■ 153.7300, -0.3599,
22.1618

■ 158.4860, -0.2396,

30.2688

■ 163.2420, -0.1193,
38.3758

Harmonies

Analogous

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



123.9150, -11.2971, -16.5885



120.4810, 0.2559, -35.5018



117.3080, 12.6662, -49.3821

Triad

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



120.4810, 0.2559, -35.5018



130.4070, 19.5193, -7.3729



130.2570, -16.3957, 32.2236

Complementary

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



120.4810, 0.2559, -35.5018



100.5190, -0.2559, 35.5018

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.



131.8690, -7.8234, 36.0719



120.4810, 0.2559, -35.5018



132.7150, 12.4655, 15.1589

Square

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



120.4810, 0.2559, -35.5018



125.1760, 23.0842, -30.8494



132.5830, 2.6706, 30.1837



129.3280, -20.8677, 19.8833

Rectangle

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



120.4810, 0.2559, -35.5018



117.6050, 18.9287, -51.3966



132.5830, 2.6706, 30.1837



130.6640, -13.6384, 34.4977

Sweetspot

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



120.4810, 0.2559, -35.5018



175.9120, 0.0434, -13.9548



121.7870, -20.6010, -19.1072



86.9450, 0.0271, -8.7218



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



120.4810, 0.2559, -35.5018



151.6480, 0.1735, -55.8193



116.8910, 11.8857, -32.3534



68.6790, 0.1583, -4.1035



89.6190, 0.6808, -78.5959



5.2660, -0.1311, -4.6183

Inverse Universe

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



100.5190, -0.2559, 35.5018



120.2380, -0.6103, 55.9193



104.1090, -11.8857, 32.3534



66.4350, 0.2785, 4.0035



45.3810, -0.6808, 78.5959



2.7340, 0.1311, 4.6183

Previews

White Background



This preview shows how the YUV color 120.4810, 0.2559, -35.5018 looks on a white 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

Black Background



This preview shows how the YUV color 120.4810, 0.2559, -35.5018 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 120.4810, 0.2559, -35.5018

Background



This preview shows how black text looks on a background with the YUV color 120.4810, 0.2559, -35.5018.



This preview shows how white text looks on a background with the YUV color 120.4810, 0.2559,

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

120.4810, 0.2559, -35.5018

Protanopia

128.4970, -7.1470, 5.7031

Deuteranopia

130.2680, -3.0901, 11.1660



Tritanopia

123.3040, 12.1751, -31.8386

Trichromacy



Original Color

120.4810, 0.2559, -35.5018

Protanomaly

125.7940, -4.3354, -9.4663

Deuteranomaly

126.7990, -1.8729, -5.9627

Tritanomaly

121.8540, 7.9600, -33.1980

Monochromacy



Original Color

120.4810, 0.2559, -35.5018

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

120.2110, -0.1040, -13.3400

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.4810, 0.2559, -35.5018 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(80, 141, 121)` looks like.

```
.text, #text, p{  
    color:rgb(80, 141, 121)  
}
```

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(80, 141, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 141, 121) }
```

Border

The CSS property to change the border of an element to YUV 120.4810, 0.2559, -35.5018 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(80, 141, 121) }
```


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

```
.border{ border-color:rgb(80, 141, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 141, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 141, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 141, 121);  
box-shadow:4px 4px 4px 4px rgb(80, 141,  
121) }
```

Background

The CSS property to change the background color of an element to YUV 120.4810, 0.2559, -35.5018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 141, 121) }
```

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

```
.background{ background-color: rgb(80, 141,  
121) }
```

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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