

Converting Colors

YUV(124.2290, -7.5079,
-18.6178)

Have a look what the booklet for
YUV(124.2290, -7.5079, -18.6178)
contains.

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Color

**YUV(124.2290, -7.5079,
-18.6178)**

Conversions

Conversions Part 1

Format	Color
Hex	678A6D
RGB	103, 138, 109
RGB Percent	40%, 54%, 43%
CMY	0.5961, 0.4588, 0.5725
CMYK	0.25, 0.00, 0.21, 0.46
HSL	130°, 15%, 47%
HSV	130°, 25%, 54%
XYZ	17.4423, 22.1646, 17.8269
YIQ	124.2290, -11.5510, -16.4390

Conversions

Conversions Part 2

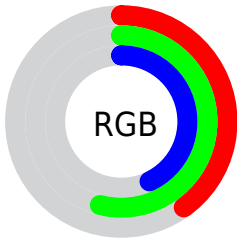
Format	Color
RYB	103, 133, 138
Decimal	6785645
CIELab	54.20, -18.46, 11.62
CIELCh	54, 21.812, 147.797
Yxy	22.1646, 0.3037, 0.3859
Android (android.graphics.Color)	4284975725 (0xFF678A6D)
YUV	124.2290, -7.5079, -18.6178
Hunter-Lab	47.0793, -16.2568, 10.5050

Details

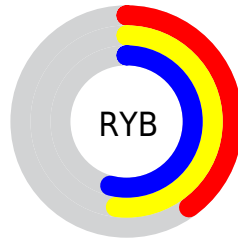
The YUV color $124.2290, -7.5079, -18.6178$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $116.7710, 7.5079, 18.6178$, and the grayscale version is $124.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $177.4030, -8.0867, -19.6474$, and $75.0550, -6.9291, -17.5882$ is the 20% darker color. If you saturate the color by 10%, you get $118.7890, -10.2490, -26.1250$, and if you desaturate by 10%, it is $129.6690, -4.7668, -11.1107$.

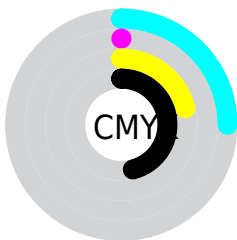
Distribution



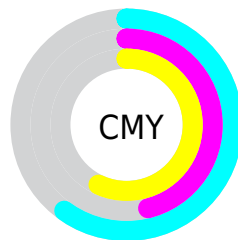
- Red (40%)
- Green (54%)
- Blue (43%)



- Red (40%)
- Yellow (52%)
- Blue (54%)



- Cyan (25%)
- Magenta (0%)
- Yellow (21%)
- Black (46%)



- Cyan (60%)
- Magenta (46%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 124.2290, -7.5079, -18.6178 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 124.2290, -7.5079, -18.6178 by changing the saturation by 10% instead.

■ 124.2290, -7.5079,
-18.6178

■ 124.2290, -7.5079,
-18.6178

255.0000, 0.0000,
0.0000

■ 98.7560, -6.7817,
-18.2030

■ 177.4030, -8.0867,
-19.6474

■ 75.0550, -6.9291,
-17.5882

■ 204.4030, -8.0867,
-19.6474

■ 51.5820, -6.2029,
-17.1734

■ 232.8760, -8.8129,
-20.0623

■ 29.5110, -5.1819,
-17.9881

■ 248.6630, -2.2989,
-9.3515

■ 13.5010, -6.6560,
-11.8404

■ 0.0000, 0.0000,
0.0000

■ 124.2290, -7.5079,
-18.6178

■ 124.2290, -7.5079,
-18.6178

■ 118.7890,
-10.2490, -26.1250

■ 129.6690, -4.7668,
-11.1107

■ 113.2350,
-13.4269, -33.5321

■ 135.2230, -1.5889,
-3.7036

■ 108.0940,
-16.3153, -40.4244

■ 140.3640, 1.2995,
3.1888

■ 102.5400,
-19.4932, -47.8316

■ 145.9180, 4.4774,
10.5959

■ 97.1000, -22.2343,
-55.3387

■ 151.3580, 7.2185,
18.1030

■ 91.5460, -25.4122,
-62.7458

■ 156.9120, 10.3964,
25.5102

■ 86.1060, -28.1533,
-70.2530

■ 162.3520, 13.1375,
33.0173

■ 83.7420, -29.4528,

■ 167.4930, 16.0260,

-73.4417

39.9096

 173.0470, 19.2038,
47.3168

Harmonies

Analogous

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



126.9770, -15.2717, -1.7338



124.2290, -7.5079, -18.6178



121.4750, 2.7238, -33.7426

Triad

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



124.2290, -7.5079, -18.6178



127.6180, 19.4153, -20.7130



131.4940, -9.1175, 31.1388

Complementary

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



124.2290, -7.5079, -18.6178



116.7710, 7.5079, 18.6178

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.



132.4750, -0.2342, 28.5244



124.2290, -7.5079, -18.6178



131.1260, 15.7139, -0.1105

Square

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



124.2290, -7.5079, -18.6178



122.9920, 18.7379, -36.8270



132.4010, 8.6763, 17.1883



130.6260, -16.0846, 25.7610

Rectangle

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



124.2290, -7.5079, -18.6178



120.5650, 9.5815, -39.9605



132.4010, 8.6763, 17.1883



131.8900, -6.3548, 31.6685

Sweetspot

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



124.2290, -7.5079, -18.6178



173.1470, -3.0305, -8.0219



132.2160, -14.4035, -0.1894



85.5110, -1.7309, -4.8331



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



124.2290, -7.5079, -18.6178



157.7240, -11.6959, -28.6989



126.1670, -0.0823, -20.3175



66.2230, -1.5889, -3.7036



80.6930, -28.4426, -70.7678



3.0490, -1.0102, -2.6740

Inverse Universe

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



116.7710, 7.5079, 18.6178



146.1620, 11.2591, 28.7989



114.8330, 0.0823, 20.3175



64.7770, 1.5889, 3.7036



52.3070, 28.4426, 70.7678



1.9510, 1.0102, 2.6740

Previews

White Background



This preview shows how the YUV color 124.2290, -7.5079, -18.6178 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 124.2290, -7.5079, -18.6178 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 124.2290, -7.5079, -18.6178

Background



This preview shows how black text looks on a background with the YUV color 124.2290, -7.5079, -18.6178.



This preview shows how white text looks on a background with the YUV color 124.2290, -7.5079, -18.6178.

-18.6178.

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

124.2290, -7.5079, -18.6178

Protanopia

128.6560, -11.6624, 7.3177

Deuteranopia

129.8080, -8.7793, 15.9544



Tritanopia

127.0780, 8.3425, -15.8544

Trichromacy



Original Color

124.2290, -7.5079, -18.6178

Protanomaly

126.9430, -10.3249, -1.7040

Deuteranomaly

127.8450, -8.3046, 3.6439

Tritanomaly

126.1720, 2.3802, -16.8138

Monochromacy



Original Color

124.2290, -7.5079, -18.6178

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

123.9730, -2.4517, -6.9923

CSS Examples

Text

The CSS property to change the color of the text to YUV 124.2290, -7.5079, -18.6178 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(103, 138, 109)` looks like.

```
.text, #text, p{  
    color:rgb(103, 138, 109)  
}
```

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(103, 138, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 138, 109) }
```

Border

The CSS property to change the border of an element to YUV 124.2290, -7.5079, -18.6178 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(103, 138, 109) }
```


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

```
.border{ border-color:rgb(103, 138, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 138, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 138, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 138, 109);  
box-shadow:4px 4px 4px 4px rgb(103, 138,  
109) }
```

Background

The CSS property to change the background color of an element to YUV 124.2290, -7.5079, -18.6178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 138, 109) }
```

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

```
.background{ background-color: rgb(103,  
138, 109) }
```

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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