

Converting Colors

YUV(120.8180, 15.8657,
-48.9524)

Have a look what the booklet for
YUV(120.8180, 15.8657, -48.9524)
contains.

YUV(120.8180, 15.8657, -48.9524)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(120.8180, 15.8657,
-48.9524)**

Conversions

Conversions Part 1

Format	Color
Hex	418F99
RGB	65, 143, 153
RGB Percent	25%, 56%, 60%
CMY	0.7451, 0.4392, 0.4000
CMYK	0.58, 0.07, 0.00, 0.40
HSL	187°, 40%, 43%
HSV	187°, 58%, 60%
XYZ	17.7522, 23.0686, 33.6540
YIQ	120.8180, -49.6980, -13.4260

Conversions

Conversions Part 2

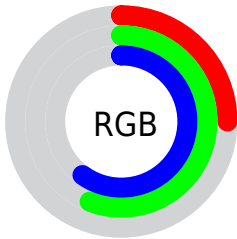
Format	Color
R _Y B	65, 106, 153
Decimal	4296601
CIE Lab	55.14, -20.84, -12.56
CIE LCh	55, 24.337, 211.082
Yxy	23.0686, 0.2384, 0.3098
Android (android.graphics.Color)	4282486681 (0xFF418F99)
YUV	120.8180, 15.8657, -48.9524
Hunter-Lab	48.0298, -18.0772, -7.9231

Details

The YUV color **120.8180, 15.8657, -48.9524** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **97.1820, -15.8657, 48.9524**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.4160, 15.5709, -47.7228**, and **65.6320, 17.9294, -57.5593** is the 20% darker color. If you saturate the color by 10%, you get **115.1590, 18.6556, -57.1444**, and if you desaturate by 10%, it is **126.4770, 13.0758, -40.7603**.

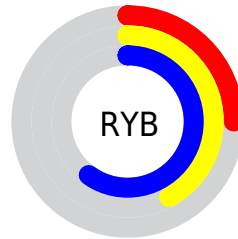
Distribution



Red (25%)

Green (56%)

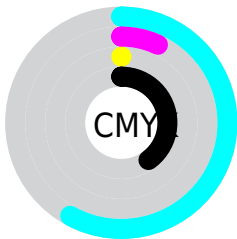
Blue (60%)



Red (25%)

Yellow (42%)

Blue (60%)

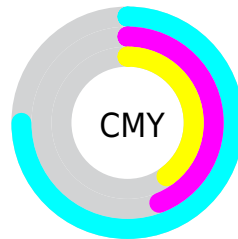


Cyan (58%)

Magenta (7%)

Yellow (0%)

Black (40%)



Cyan (75%)

Magenta (44%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.8180, 15.8657, -48.9524 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 120.8180, 15.8657, -48.9524 by changing the saturation by 10% instead.

■ 120.8180, 15.8657,
-48.9524

■ 120.8180, 15.8657,
-48.9524

■ 255.0000, 0.0000,
0.0000

■ 93.3230, 16.6028,
-52.0263

■ 175.4160, 15.5709,
-47.7228

■ 65.6320, 17.9294,
-57.5593

■ 203.5300, 16.0077,
-47.8228

■ 49.3950, 14.1023,
-43.3194

■ 231.0910, 11.7871,
-47.4378

■ 33.2720, 10.7119,
-29.1795

■ 240.3490, 7.2229,
-30.1241

■ 19.7250, 7.0376,
-17.2988

■ 249.0200, 2.9481,
-12.2955

■ 1.1400, 4.3680,
-0.9998

■ 0.0000, 0.0000,

0.0000

■ 120.8180, 15.8657,
-48.9524

■ 120.8180, 15.8657,
-48.9524

■ 115.1590, 18.6556,
-57.1444

■ 126.4770, 13.0758,
-40.7603

■ 109.7880, 21.3035,
-66.4661

■ 131.8480, 10.4279,
-31.4387

■ 104.1290, 24.0934,
-74.6581

■ 137.5070, 7.6380,
-23.2466

■ 98.4700, 26.8833,
-82.8502

■ 143.1660, 4.8482,
-15.0546

■ 97.2740, 27.4729,
-85.3093

■ 148.8250, 2.0583,
-6.8625

■ 154.1960, -0.5896,
2.4591

■ 159.8550, -3.3795,
10.6512

■ 165.5140, -6.1694,
18.8432

■ 171.4720, -9.1067,
27.6501

Harmonies

Analogous

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



122.3000, 4.7821, -40.6051



120.8180, 15.8657, -48.9524



124.3550, 21.5170, -41.5303

Triad

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



120.8180, 15.8657, -48.9524



135.7220, 8.5181, 21.2918



130.8110, -20.1198, 13.3208

Complementary

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



120.8180, 15.8657, -48.9524



97.1820, -15.8657, 48.9524

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.



132.7680, -18.1266, 27.3905



120.8180, 15.8657, -48.9524



134.5680, -1.2660, 32.8279

Square

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



120.8180, 15.8657, -48.9524



133.7780, 16.8714, 1.9487



133.6470, -11.1650, 34.5126



128.3250, -16.4292, -3.7930

Rectangle

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



120.8180, 15.8657, -48.9524



128.2580, 22.0578, -28.2903



133.6470, -11.1650, 34.5126



131.8440, -20.1361, 18.5538

Sweetspot

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



120.8180, 15.8657, -48.9524



186.4860, 6.1694, -18.8432



117.6820, -21.5352, -46.2021



92.1450, 3.3795, -10.6512



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



120.8180, 15.8657, -48.9524



148.6450, 24.8250, -75.9877



95.5770, 28.3095, -26.8160



74.0210, 1.4686, -4.4034



88.7480, 25.2672, -77.8320



7.9390, 2.4951, -6.9625

Inverse Universe

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



100.2040, 21.0984, 46.3021



116.7570, 32.6578, 72.1271



122.4230, -28.3095, 26.8160



72.1900, 1.8783, 4.2184



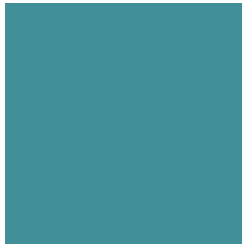
55.9960, 33.5260, 73.6715



5.1410, 2.8885, 6.8923

Previews

White Background



This preview shows how the YUV color 120.8180, 15.8657, -48.9524 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 120.8180, 15.8657, -48.9524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

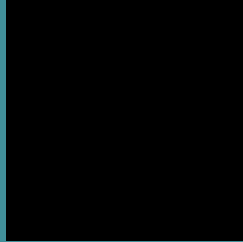
Any Text WCAG AA ✓ Pass

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 120.8180, 15.8657, -48.9524 Background



This preview shows how black text looks on a background with the YUV color 120.8180, 15.8657, -48.9524.

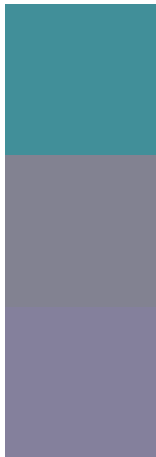


This preview shows how white text looks on a background with the YUV color 120.8180, 15.8657, -48.9524.

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

120.8180, 15.8657, -48.9524

Protanopia

131.7100, 6.5520, -1.4997

Deuteranopia

132.3880, 11.6407, -0.3403



Tritanopia

121.2310, 16.1551, -48.4376

Trichromacy



Original Color

120.8180, 15.8657, -48.9524

Protanomaly

127.8110, 9.9532, -19.1282

Deuteranomaly

128.0330, 13.2947, -17.5689

Tritanomaly

121.2310, 16.1551, -48.4376

Monochromacy



Original Color

120.8180, 15.8657, -48.9524

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

121.0840, 5.8746, -17.6137

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.8180, 15.8657, -48.9524 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(65, 143, 153)` looks like.

```
.text, #text, p{  
    color:rgb(65, 143, 153)  
}
```

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(65, 143, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 143, 153) }
```

Border

The CSS property to change the border of an element to YUV 120.8180, 15.8657, -48.9524 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(65, 143, 153) }
```


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

```
.border{ border-color:rgb(65, 143, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 143, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 143, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 143, 153);  
box-shadow:4px 4px 4px 4px rgb(65, 143,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 120.8180, 15.8657, -48.9524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 143, 153) }
```

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

```
.background{ background-color: rgb(65, 143,  
153) }
```

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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