

Converting Colors

YUV(123.8720, 17.3181,
-48.1227)

Have a look what the booklet for
YUV(123.8720, 17.3181, -48.1227)
contains.

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Color

**YUV(123.8720, 17.3181,
-48.1227)**

Conversions

Conversions Part 1

Format	Color
Hex	45919F
RGB	69, 145, 159
RGB Percent	27%, 57%, 62%
CMY	0.7294, 0.4314, 0.3765
CMYK	0.57, 0.09, 0.00, 0.38
HSL	189°, 39%, 45%
HSV	189°, 57%, 62%
XYZ	18.8377, 24.0192, 36.4442
YIQ	123.8720, -49.7900, -11.7580

Conversions

Conversions Part 2

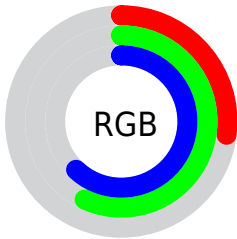
Format	Color
R _{YB}	69, 110, 159
Decimal	4559263
CIE _{Lab}	56.11, -19.29, -14.54
CIE _{LCh}	56, 24.154, 217.012
Y _{xy}	24.0192, 0.2375, 0.3029
Android (android.graphics.Color)	4282749343 (0xFF45919F)
Y _{UV}	123.8720, 17.3181, -48.1227
Hunter-Lab	49.0094, -17.1567, -9.7825

Details

The YUV color **123.8720, 17.3181, -48.1227** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **104.1280, -17.3181, 48.1227**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.5840, 17.4601, -46.9932**, and **67.4900, 19.9714, -59.1887** is the 20% darker color. If you saturate the color by 10%, you get **117.9140, 20.2554, -56.9296**, and if you desaturate by 10%, it is **129.8300, 14.3808, -39.3159**.

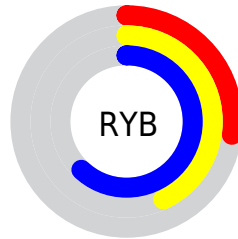
Distribution



Red (27%)

Green (57%)

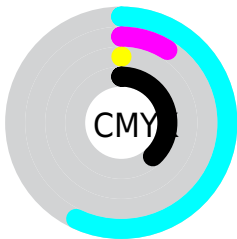
Blue (62%)



Red (27%)

Yellow (43%)

Blue (62%)

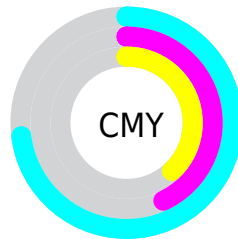


Cyan (57%)

Magenta (9%)

Yellow (0%)

Black (38%)



Cyan (73%)

Magenta (43%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.8720, 17.3181, -48.1227 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 123.8720, 17.3181, -48.1227 by changing the saturation by 10% instead.

123.8720, 17.3181,
-48.1227

123.8720, 17.3181,
-48.1227

255.0000, 0.0000,
0.0000

96.3770, 18.0551,
-51.1966

178.5840, 17.4601,
-46.9932

67.4900, 19.9714,
-59.1887

206.5840, 17.4601,
-46.9932

50.5520, 15.9969,
-44.3341

232.8740, 10.9081,
-45.4935

35.0160, 12.3171,
-30.7090

241.5450, 6.6333,
-27.6650

20.7680, 8.4954,
-18.2135

250.2160, 2.3585,
-9.8364

2.5250, 7.1362,
-2.2144

0.0000, 0.0000,

0.0000

■ 123.8720, 17.3181,
-48.1227

■ 123.8720, 17.3181,
-48.1227

■ 117.9140, 20.2554,
-56.9296

■ 129.8300, 14.3808,
-39.3159

■ 111.3690, 23.4821,
-65.2216

■ 136.3750, 11.1541,
-31.0239

■ 105.4110, 26.4194,
-74.0284

■ 142.3330, 8.2168,
-22.2170

■ 98.8660, 29.6461,
-82.3205

■ 148.8780, 4.9901,
-13.9250

■ 96.7840, 30.6725,
-84.8796

■ 154.8360, 2.0529,
-5.1182

■ 161.0820, -1.0264,
2.5591

■ 167.0400, -3.9637,
11.3659

■ 173.5850, -7.1904,
19.6580

■ 179.5430,
-10.1277, 28.4648

Harmonies

Analogous

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



124.2720, 7.2609, -42.3345



123.8720, 17.3181, -48.1227



127.9040, 22.2323, -37.6268

Triad

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



123.8720, 17.3181, -48.1227



137.5760, 6.6180, 24.0508



133.2020, -19.8196, 10.3468

Complementary

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



123.8720, 17.3181, -48.1227



104.1280, -17.3181, 48.1227

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.



134.8170, -19.1368, 24.7165



123.8720, 17.3181, -48.1227



137.2970, -3.5974, 33.9425

Square

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



123.8720, 17.3181, -48.1227



136.7570, 15.4028, 6.3521



136.4790, -13.0541, 33.7829



130.3460, -14.9606, -8.1964

Rectangle

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



123.8720, 17.3181, -48.1227



131.5790, 21.8996, -24.1868



136.4790, -13.0541, 33.7829



133.2350, -19.8359, 15.5799

Sweetspot

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



123.8720, 17.3181, -48.1227



192.7140, 7.0430, -19.0432



123.4260, -19.9300, -47.7316



96.3730, 4.2531, -10.8511



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



123.8720, 17.3181, -48.1227



151.9270, 27.1510, -75.3580



98.0440, 30.0513, -25.4716



76.0210, 1.4686, -4.4034



87.3290, 27.4458, -76.5875



9.3410, 2.7899, -8.1921

Inverse Universe

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



104.5740, 19.9300, 47.7316



121.7250, 31.1946, 74.7862



130.5430, -30.3407, 24.9568



74.1900, 1.8783, 4.2184



56.5510, 31.7734, 75.8158



5.9670, 3.4673, 7.9219

Previews

White Background



This preview shows how the YUV color 123.8720, 17.3181, -48.1227 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 123.8720, 17.3181, -48.1227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

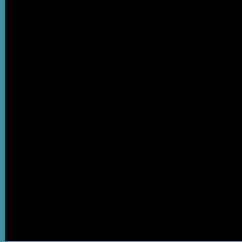
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.8720, 17.3181, -48.1227

Background



This preview shows how black text looks on a background with the YUV color 123.8720, 17.3181, -48.1227.



This preview shows how white text looks on a background with the YUV color 123.8720, 17.3181, -48.1227.

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

123.8720, 17.3181, -48.1227

Protanopia

134.4540, 8.1572, -3.0292

Deuteranopia

135.1320, 13.2459, -1.8698



Tritanopia

123.3450, 16.5919, -48.5376

Trichromacy



Original Color

123.8720, 17.3181, -48.1227

Protanomaly

130.2670, 11.7004, -19.5282

Deuteranomaly

131.0760, 14.7525, -18.4837

Tritanomaly

123.4590, 17.0287, -48.6375

Monochromacy



Original Color

123.8720, 17.3181, -48.1227

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

124.1980, 6.3114, -17.7136

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.8720, 17.3181, -48.1227 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(69, 145, 159)` looks like.

```
.text, #text, p{  
    color:rgb(69, 145, 159)  
}
```

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(69, 145, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 145, 159) }
```

Border

The CSS property to change the border of an element to YUV 123.8720, 17.3181, -48.1227 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(69, 145, 159) }
```


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

```
.border{ border-color:rgb(69, 145, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 145, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 145, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 145, 159);  
box-shadow:4px 4px 4px 4px rgb(69, 145,  
159) }
```

Background

The CSS property to change the background color of an element to YUV 123.8720, 17.3181, -48.1227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 145, 159) }
```

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

```
.background{ background-color: rgb(69, 145,  
159) }
```

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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