

Converting Colors

YUV(122.4820, 12.0874,
-50.4117)

Have a look what the booklet for
YUV(122.4820, 12.0874, -50.4117)
contains.

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Color

**YUV(122.4820, 12.0874,
-50.4117)**

Conversions

Conversions Part 1

Format	Color
Hex	419393
RGB	65, 147, 147
RGB Percent	25%, 58%, 58%
CMY	0.7451, 0.4235, 0.4235
CMYK	0.56, 0.00, 0.00, 0.42
HSL	180°, 39%, 42%
HSV	180°, 56%, 58%
XYZ	17.8802, 24.0978, 31.3127
YIQ	122.4820, -48.8720, -17.3840

Conversions

Conversions Part 2

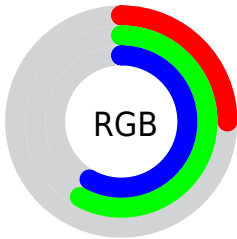
Format	Color
R _{YB}	65, 106, 147
Decimal	4297619
CIE _{Lab}	56.19, -24.65, -7.56
CIE _{LCh}	56, 25.783, 197.039
Yxy	24.0978, 0.2440, 0.3288
Android (android.graphics.Color)	4282487699 (0xFF419393)
YUV	122.4820, 12.0874, -50.4117
Hunter-Lab	49.0895, -20.8907, -3.4566

Details

The YUV color **122.4820, 12.0874, -50.4117** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **89.5180, -12.0874, 50.4117**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.0800, 11.7926, -49.1822**, and **67.4100, 14.5879, -59.1186** is the 20% darker color. If you saturate the color by 10%, you get **117.9970, 14.2985, -59.6334**, and if you desaturate by 10%, it is **126.9670, 9.8763, -41.1901**.

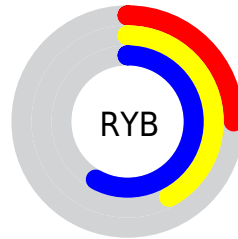
Distribution



Red (25%)

Green (58%)

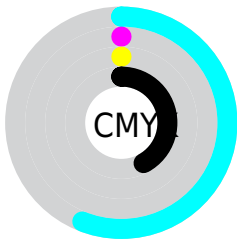
Blue (58%)



Red (25%)

Yellow (42%)

Blue (58%)

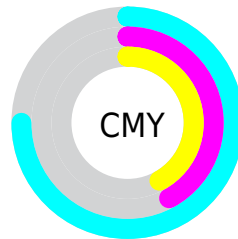


Cyan (56%)

Magenta (0%)

Yellow (0%)

Black (42%)



Cyan (75%)

Magenta (42%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.4820, 12.0874, -50.4117 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 122.4820, 12.0874, -50.4117 by changing the saturation by 10% instead.

■ 122.4820, 12.0874,
-50.4117

■ 122.4820, 12.0874,
-50.4117

■ 255.0000, 0.0000,
0.0000

■ 94.9870, 12.8244,
-53.4856

■ 177.0800, 11.7926,
-49.1822

■ 67.4100, 14.5879,
-59.1186

■ 205.6670, 11.5032,
-49.6970

■ 50.5860, 11.0501,
-44.3639

■ 231.6780, 11.4977,
-47.9526

■ 34.4630, 7.6597,
-30.2241

■ 240.3490, 7.2229,
-30.1241

■ 20.9160, 3.9854,
-18.3433

■ 249.0200, 2.9481,
-12.2955

■ 0.2280, 0.8736,
-0.2000

■ 0.0000, 0.0000,

0.0000

■ 122.4820, 12.0874,
-50.4117

■ 122.4820, 12.0874,
-50.4117

■ 117.9970, 14.2985,
-59.6334

■ 126.9670, 9.8763,
-41.1901

■ 113.8110, 16.3622,
-68.2402

■ 131.1530, 7.8126,
-32.5832

■ 109.3260, 18.5733,
-77.4619

■ 135.6380, 5.6015,
-23.3615

■ 104.8410, 20.7844,
-86.6836

■ 140.1230, 3.3904,
-14.1399

■ 103.0470, 21.6688,
-90.3722

■ 144.6080, 1.1793,
-4.9182

■ 148.7940, -0.8844,
3.6887

■ 153.2790, -3.0955,
12.9103

■ 157.7640, -5.3067,
22.1320

■ 161.9500, -7.3704,
30.7388

Harmonies

Analogous

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



125.5520, -0.7651, -34.6871



122.4820, 12.0874, -50.4117



123.5880, 21.4021, -51.3817

Triad

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



122.4820, 12.0874, -50.4117



137.9320, 13.3445, 13.2146



134.2250, -21.3099, 21.7277

Complementary

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



122.4820, 12.0874, -50.4117



89.5180, -12.0874, 50.4117

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.



135.9690, -16.2537, 33.3532



122.4820, 12.0874, -50.4117



138.1100, 3.3968, 30.5985

Square

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



122.4820, 12.0874, -50.4117



134.7380, 20.8352, -9.4172



137.1080, -6.9552, 37.6163



131.7560, -20.0927, 4.5990

Rectangle

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



122.4820, 12.0874, -50.4117



127.2240, 23.5536, -41.4154



137.1080, -6.9552, 37.6163



134.6000, -20.0158, 26.6608

Sweetspot

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



122.4820, 12.0874, -50.4117



181.4320, 4.7170, -19.6729



113.1340, -23.7301, -42.2135



91.3190, 2.8007, -11.6808



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



122.4820, 12.0874, -50.4117



152.7280, 18.8681, -78.6915



98.4150, 23.9524, -29.3050



71.9070, 1.0318, -4.3034



96.7380, 20.3422, -84.8392



7.0100, 1.4741, -6.1478

Inverse Universe

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



98.8660, 23.7301, 42.2135



115.8640, 37.0420, 65.8943



113.5850, -23.9524, 29.3050



69.8910, 2.0257, 3.6036



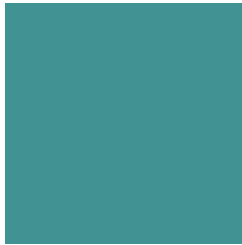
56.9940, 39.9360, 71.0423



4.1300, 2.8939, 5.1480

Previews

White Background



This preview shows how the YUV color 122.4820, 12.0874, -50.4117 looks on a white background.

Color Contrast Check

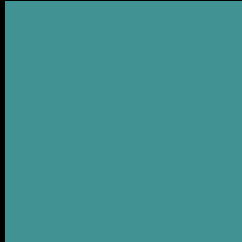
Large Text (above 18pt) WCAG AA ✓ Pass

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 122.4820, 12.0874, -50.4117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

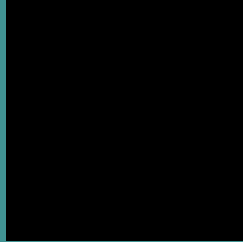
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 122.4820, 12.0874, -50.4117

Background



This preview shows how black text looks on a background with the YUV color 122.4820, 12.0874, -50.4117.

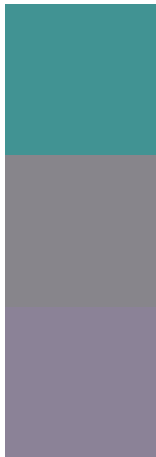


This preview shows how white text looks on a background with the YUV color 122.4820, 12.0874, -50.4117.

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

122.4820, 12.0874, -50.4117

Protanopia

134.2820, 2.3260, 0.6297

Deuteranopia

135.0850, 7.8461, 3.4335



Tritanopia

123.6440, 16.4445, -47.9228

Trichromacy



Original Color

122.4820, 12.0874, -50.4117

Protanomaly

130.0840, 5.8746, -17.6137

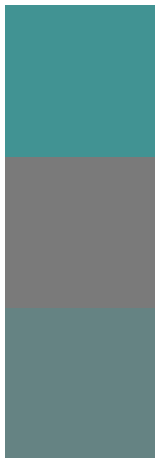
Deuteranomaly

130.4200, 9.6529, -16.1543

Tritanomaly

123.4760, 14.5553, -48.6525

Monochromacy



Original Color

122.4820, 12.0874, -50.4117

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

122.0300, 4.4222, -18.4433

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.4820, 12.0874, -50.4117 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, 147, 147)` looks like.

```
.text, #text, p{  
    color:rgb(65, 147, 147)  
}
```

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, 147, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 147, 147) }
```

Border

The CSS property to change the border of an element to YUV 122.4820, 12.0874, -50.4117 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, 147, 147) }
```


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

```
.border{ border-color:rgb(65, 147, 147) }
```

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

Here you see how a box with a 4 pixel rgb(65, 147, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 147, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 147, 147);  
box-shadow:4px 4px 4px 4px rgb(65, 147,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 122.4820, 12.0874, -50.4117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 147, 147) }
```

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

```
.background{ background-color: rgb(65, 147,  
147) }
```

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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