

Converting Colors

YUV(123.4040, -12.5242,
50.5117)

Have a look what the booklet for
YUV(123.4040, -12.5242, 50.5117)
contains.

YUV(123.4040, -12.5242, 50.5117)	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(123.4040, -12.5242,
50.5117)**

Conversions

Conversions Part 1

Format	Color
Hex	B56362
RGB	181, 99, 98
RGB Percent	71%, 39%, 38%
CMY	0.2902, 0.6118, 0.6157
CMYK	0.00, 0.45, 0.46, 0.29
HSL	1°, 36%, 55%
HSV	1°, 46%, 71%
XYZ	25.7225, 19.6293, 13.9884
YIQ	123.4040, 49.1930, 17.0730

Conversions

Conversions Part 2

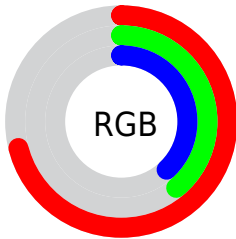
Format	Color
R_{YB}	181, 99, 98
Decimal	11887458
CIE Lab	51.42, 32.83, 15.32
CIE LCh	51, 36.229, 25.009
Yxy	19.6293, 0.4335, 0.3308
Android (android.graphics.Color)	4290077538 (0xFFB56362)
YUV	123.4040, -12.5242, 50.5117
Hunter-Lab	44.3049, 26.0996, 12.2939

Details

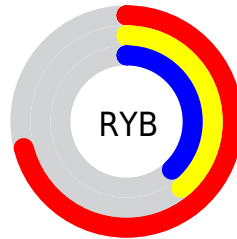
The YUV color **123.4040, -12.5242, 50.5117** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **155.5960, 12.5242, -50.5117**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.3830, -13.9928, 54.9151**, and **72.6530, -10.1819, 45.9083** is the 20% darker color. If you saturate the color by 10%, you get **110.7860, -15.1775, 61.5777**, and if you desaturate by 10%, it is **136.0220, -9.8708, 39.4457**.

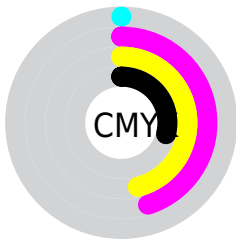
Distribution



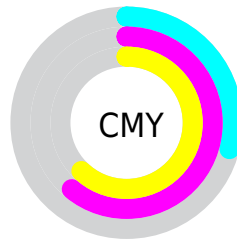
- Red (71%)
- Green (39%)
- Blue (38%)



- Red (71%)
- Yellow (39%)
- Blue (38%)



- Cyan (0%)
- Magenta (45%)
- Yellow (46%)
- Black (29%)



- Cyan (29%)
- Magenta (61%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.4040, -12.5242, 50.5117 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 123.4040, -12.5242, 50.5117 by changing the saturation by 10% instead.

■ 123.4040,
-12.5242, 50.5117

■ 123.4040,
-12.5242, 50.5117

■ 255.0000, 0.0000,
0.0000

■ 97.6210, -11.6452,
48.5674

■ 177.3830,
-13.9928, 54.9151

■ 72.6530, -10.1819,
45.9083

■ 200.6810,
-12.6607, 47.6378

■ 47.2120, -7.9925,
43.6641

■ 220.3090, -8.5333,
30.4240

■ 22.0270, -7.4083,
42.9493

■ 240.5240, -4.6953,
12.6955

■ 14.1670, -6.4913,
28.7945

■ 0.0000, 0.0000,
0.0000

■ 123.4040,
-12.5242, 50.5117

■ 123.4040,
-12.5242, 50.5117

■ 110.7860,
-15.1775, 61.5777

■ 136.0220, -9.8708,
39.4457

■ 98.1680, -17.8308,
72.6437

■ 148.6400, -7.2175,
28.3797

■ 85.5500, -20.4841,
83.7096

■ 161.2580, -4.5642,
17.3137

■ 72.9320, -23.1375,
94.7756

■ 173.8760, -1.9109,
6.2477

■ 60.7870, -26.5170,
105.4268

■ 186.0210, 1.4686,
-4.4034

■ 55.2930, -27.2594,
110.2450

■ 198.6390, 4.1220,
-15.4694

■ 211.2570, 6.7753,
-26.5354

■ 223.8750, 9.4286,

-37.6014

 232.8740, 10.9081,
-45.4935

Harmonies

Analogous

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



125.1550, 1.8956, 45.4681



123.4040, -12.5242, 50.5117



122.2490, -24.2798, 41.0006

Triad

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



123.4040, -12.5242, 50.5117



112.3710, -13.0009, -30.1434



113.1660, 34.9212, -47.5036

Complementary

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



123.4040, -12.5242, 50.5117



155.5960, 12.5242, -50.5117

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.



98.8530, 36.0615, -86.6941



123.4040, -12.5242, 50.5117



99.6120, 8.0793, -71.5737

Square

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



123.4040, -12.5242, 50.5117



117.5180, -25.8914, -2.2083



97.8780, 24.7101, -85.8390



123.4810, 27.3709, -5.6838

Rectangle

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



123.4040, -12.5242, 50.5117



120.9180, -29.0466, 29.8899



97.8780, 24.7101, -85.8390



105.4300, 37.7490, -67.9061

Sweetspot

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



123.4040, -12.5242, 50.5117



211.8670, -4.8644, 20.2876



132.2790, 24.0195, 42.7283



103.5670, -3.2375, 11.7807



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



123.4040, -12.5242, 50.5117



145.1580, -19.3049, 78.7914



147.4710, -24.3892, 29.4049



82.6910, -1.3267, 5.5330



46.9210, -23.1321, 93.0313



7.7740, -3.8326, 15.9842

Inverse Universe

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



155.5960, 12.5242, -50.5117



195.2550, 19.5943, -78.2766



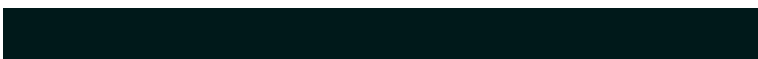
132.1160, 24.0998, -29.9197



86.3090, 1.3267, -5.5330



106.0790, 23.1321, -93.0313



17.6390, 4.1220, -15.4694

Previews

White Background



This preview shows how the YUV color 123.4040, -12.5242, 50.5117 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 123.4040, -12.5242, 50.5117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

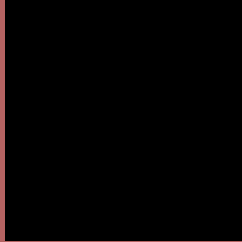
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.4040, -12.5242, 50.5117

Background



This preview shows how black text looks on a background with the YUV color 123.4040, -12.5242, 50.5117.

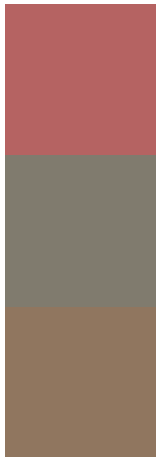


This preview shows how white text looks on a background with the YUV color 123.4040, -12.5242, 50.5117.

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

123.4040, -12.5242, 50.5117

Protanopia

123.0130, -6.4154, 4.3736

Deuteranopia

123.1520, -13.8789, 18.2837



Tritanopia

123.9140, -9.3246, 50.9414

Trichromacy



Original Color

123.4040, -12.5242, 50.5117

Protanomaly

122.9550, -8.3588, 21.0875

Deuteranomaly

123.0440, -13.3327, 29.7794

Tritanomaly

123.5720, -10.6350, 51.2414

Monochromacy



Original Color

123.4040, -12.5242, 50.5117

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

122.9700, -4.4222, 18.4433

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.4040, -12.5242, 50.5117 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(181, 99, 98)` looks like.

```
.text, #text, p{  
    color:rgb(181, 99, 98)  
}
```

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(181, 99, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 99, 98) }
```

Border

The CSS property to change the border of an element to YUV 123.4040, -12.5242, 50.5117 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(181, 99, 98) }
```


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

```
.border{ border-color:rgb(181, 99, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 99, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 99, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 99, 98);  
box-shadow:4px 4px 4px 4px rgb(181, 99,  
98) }
```

Background

The CSS property to change the background color of an element to YUV 123.4040, -12.5242, 50.5117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 99, 98) }
```

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

```
.background{ background-color: rgb(181, 99,  
98) }
```

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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