

Converting Colors

YUV(57.3240, -20.8657,
112.8489)

Have a look what the booklet for
YUV(57.3240, -20.8657, 112.8489)
contains.

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Color

**YUV(57.3240, -20.8657,
112.8489)**

Conversions

Conversions Part 1

Format	Color
Hex	BA000F
RGB	186, 0, 15
RGB Percent	73%, 0%, 6%
CMY	0.2706, 1.0000, 0.9412
CMYK	0.00, 1.00, 0.92, 0.27
HSL	355°, 100%, 36%
HSV	355°, 100%, 73%
XYZ	20.3359, 10.4736, 1.4017
YIQ	57.3240, 106.0410, 44.0970

Conversions

Conversions Part 2

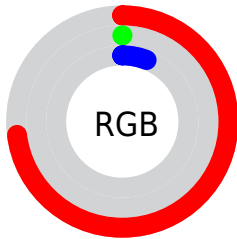
Format	Color
R_{YB}	186, 0, 15
Decimal	12189711
CIE _{Lab}	38.68, 63.36, 47.40
CIE _{LCh}	39, 79.132, 36.799
Yxy	10.4736, 0.6313, 0.3252
Android (android.graphics.Color)	4290379791 (0xFFBA000F)
YUV	57.3240, -20.8657, 112.8489
Hunter-Lab	32.3629, 55.5291, 20.0861

Details

The YUV color **57.3240, -20.8657, 112.8489** is a dark color, and the websafe version is hex **CC0000**. A complement of this color would be **128.6760, 20.8657, -112.8489**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.5500, -33.7951, 106.5117**, and **36.7770, -18.1311, 75.6176** is the 20% darker color. If you saturate the color by 10%, you get **57.3240, -20.8657, 112.8489**, and if you desaturate by 10%, it is **70.4150, -18.9386, 101.3680**.

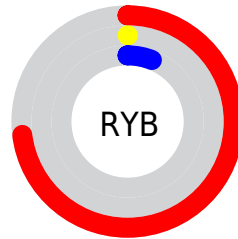
Distribution



Red (73%)

Green (0%)

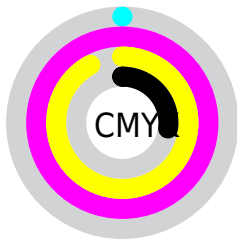
Blue (6%)



Red (73%)

Yellow (0%)

Blue (6%)

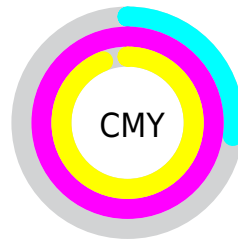


Cyan (0%)

Magenta (100%)

Yellow (92%)

Black (27%)



Cyan (27%)


Magenta (100%)


Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the YUV color 57.3240, -20.8657, 112.8489 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 57.3240, -20.8657, 112.8489 by changing the saturation by 10% instead.


 57.3240, -20.8657,
112.8489


 57.3240, -20.8657,
112.8489


 254.0880, -3.4944,
0.7998

 46.0460, -22.7007,
94.6757


 129.5500,
-33.7951, 106.5117

 36.7770, -18.1311,
75.6176


 150.5050,
-32.2940, 91.6421


 27.2090, -13.4140,
55.9447

 170.3780,
-29.7664, 74.2135

 19.1790, -7.9762,
38.4310

 189.7780,
-26.5126, 57.1997


 8.4860, -3.6906,
17.1138


 209.8790,
-23.1113, 39.5711


 0.0000, 0.0000,
0.0000


 230.5670,


-19.9995, 21.4277

 250.7820,
-16.1615, 3.6992


 57.3240, -20.8657,
112.8489

 70.4150, -18.9386,
101.3680

 82.9190, -16.7221,
90.4020

 96.0100, -14.7949,
78.9212

 108.5140,
-12.5784, 67.9552

 121.6050,
-10.6513, 56.4744

■ 134.8100, -8.2873,
44.8936

■ 147.3140, -6.0708,
33.9276

■ 160.4050, -4.1437,
22.4468

■ 172.9090, -1.9271,
11.4808

Harmonies

Analogous

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



68.3220, 5.7573, 113.7276



57.3240, -20.8657, 112.8489



84.4780, -41.6477, 58.3398

Triad

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



57.3240, -20.8657, 112.8489



70.3210, -17.4133, -61.6715



81.6600, 69.1876, -71.6158

Complementary

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



57.3240, -20.8657, 112.8489



128.6760, 20.8657, -112.8489

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.



89.2110, 60.0420, -78.2380



57.3240, -20.8657, 112.8489



80.0620, 12.2944, -70.2144

Square

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



57.3240, -20.8657, 112.8489



65.2010, -32.1441, -50.1653



87.2440, 39.8127, -76.5130



90.4100, 52.0559, 10.1644

Rectangle

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



57.3240, -20.8657, 112.8489



86.3510, -42.5710, 27.7562



87.2440, 39.8127, -76.5130



85.7690, 67.1619, -75.2194

Sweetspot

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



57.3240, -20.8657, 112.8489



192.0980, -8.4293, 43.7641



72.0340, 56.1852, 85.9162



91.6120, -4.7387, 26.6503



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



57.3240, -20.8657, 112.8489



74.6380, -26.9365, 146.7765



101.4000, -49.9902, 74.1942



85.6910, -1.3267, 5.5330



48.1260, -17.3171, 94.6055



8.6000, -3.2538, 17.0138

Inverse Universe

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



57.3240, -20.8657, 112.8489



74.6380, -26.9365, 146.7765



85.1870, 49.7008, -74.7090



85.6910, -1.3267, 5.5330



48.1260, -17.3171, 94.6055



8.6000, -3.2538, 17.0138

Previews

White Background



This preview shows how the YUV color 57.3240, -20.8657, 112.8489 looks on a white 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

Black 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

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

YUV 57.3240, -20.8657, 112.8489

Background



This preview shows how black text looks on a background with the YUV color 57.3240, -20.8657, 112.8489.



This preview shows how white text looks on a background with the YUV color 57.3240, -20.8657,

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

57.3240, -20.8657, 112.8489

Protanopia

90.1070, -29.1398, 13.0612

Deuteranopia

87.5250, -43.1498, 26.7266



Tritanopia

65.2940, -32.1899, 104.9822

Trichromacy



Original Color

57.3240, -20.8657, 112.8489

Protanomaly

78.1360, -26.1960, 48.9927

Deuteranomaly

76.7860, -35.3905, 58.0697

Tritanomaly

62.3420, -28.2696, 107.5711

Monochromacy



Original Color

57.3240, -20.8657, 112.8489

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

57.0160, -7.4029, 41.2050

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.3240, -20.8657, 112.8489 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(186, 0, 15)` looks like.

```
.text, #text, p{  
    color:rgb(186, 0, 15)  
}
```

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(186, 0, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 0, 15) }
```

Border

The CSS property to change the border of an element to YUV 57.3240, -20.8657, 112.8489 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(186, 0, 15) }
```


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

```
.border{ border-color:rgb(186, 0, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 0, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 0, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 0, 15);  
box-shadow:4px 4px 4px 4px rgb(186, 0, 15)  
}
```

Background

The CSS property to change the background color of an element to YUV 57.3240, -20.8657, 112.8489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 0, 15) }
```

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

```
.background{ background-color: rgb(186, 0,  
15) }
```

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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