

Converting Colors

YUV(57.6830, -22.0287,
112.5340)

Have a look what the booklet for
YUV(57.6830, -22.0287, 112.5340)
contains.

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Color

**YUV(57.6830, -22.0287,
112.5340)**

Conversions

Conversions Part 1

Format	Color
Hex	BA010D
RGB	186, 1, 13
RGB Percent	73%, 0%, 5%
CMY	0.2706, 0.9961, 0.9490
CMYK	0.00, 0.99, 0.93, 0.27
HSL	356°, 99%, 37%
HSV	356°, 99%, 73%
XYZ	20.3332, 10.4899, 1.3338
YIQ	57.6830, 106.4080, 42.9520

Conversions

Conversions Part 2

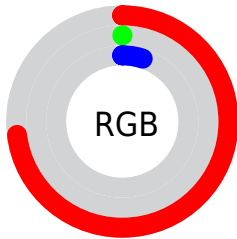
Format	Color
RYB	186, 1, 13
Decimal	12189965
CIELab	38.71, 63.23, 48.22
CIElCh	39, 79.517, 37.330
Yxy	10.4899, 0.6323, 0.3262
Android (android.graphics.Color)	4290380045 (0xFFBA010D)
YUV	57.6830, -22.0287, 112.5340
Hunter-Lab	32.3881, 55.3830, 20.2299

Details

The YUV color **57.6830, -22.0287, 112.5340** is a dark color, and the websafe version is hex **CC0000**. A complement of this color would be **129.3170, 22.0287, -112.5340**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.4360, -34.2319, 106.6116**, and **36.7770, -18.1311, 75.6176** is the 20% darker color. If you saturate the color by 10%, you get **56.9820, -22.1761, 113.1488**, and if you desaturate by 10%, it is **70.7740, -20.1016, 101.0532**.

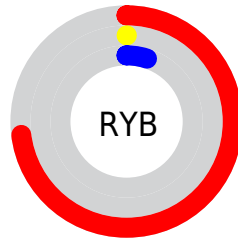
Distribution



Red (73%)

Green (0%)

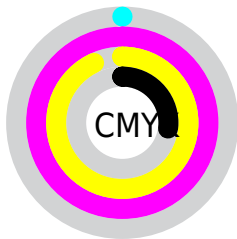
Blue (5%)



Red (73%)

Yellow (0%)

Blue (5%)

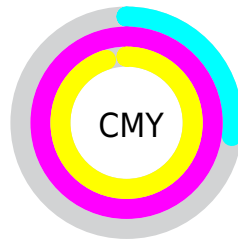


Cyan (0%)

Magenta (99%)

Yellow (93%)

Black (27%)



Cyan (27%)


Magenta (100%)


Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the YUV color 57.6830, -22.0287, 112.5340 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 57.6830, -22.0287, 112.5340 by changing the saturation by 10% instead.


 57.6830, -22.0287,
112.5340


 57.6830, -22.0287,
112.5340


 253.8600, -4.3680,
0.9998

 46.0460, -22.7007,
94.6757


 129.4360,
-34.2319, 106.6116

 36.7770, -18.1311,
75.6176


 150.3910,
-32.7308, 91.7421

 27.2090, -13.4140,
55.9447

 170.2640,
-30.2032, 74.3135

 19.1790, -7.9762,
38.4310

 189.6640,
-26.9494, 57.2997

 8.4860, -3.6906,
17.1138

 209.6510,
-23.9849, 39.7711

 0.0000, 0.0000,
0.0000

 230.4530,

-20.4363, 21.5277

■ 250.6680,
-16.5983, 3.7992

■ 57.6830, -22.0287,
112.5340

■ 57.6830, -22.0287,
112.5340

■ 56.9820, -22.1761,
113.1488

■ 70.7740, -20.1016,
101.0532

■ 83.3920, -17.4483,
89.9872

■ 96.4830, -15.5211,
78.5064

■ 109.1010,
-12.8678, 67.4404

■ 122.1920,
-10.9407, 55.9596

■ 135.2830, -9.0135,
44.4788

■ 147.9010, -6.3602,
33.4128

■ 160.9920, -4.4331,
21.9320

■ 173.6100, -1.7797,
10.8660

Harmonies

Analogous

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



68.2080, 5.3205, 113.8276



57.6830, -22.0287, 112.5340



84.7660, -41.7896, 57.2102

Triad

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



57.6830, -22.0287, 112.5340



70.4350, -16.9765, -61.7715



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.



57.6830, -22.0287, 112.5340



129.3170, 22.0287, -112.5340

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.



89.3250, 60.4788, -78.3380



57.6830, -22.0287, 112.5340



80.1760, 12.7312, -70.3144

Square

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



57.6830, -22.0287, 112.5340



63.1080, -31.1122, -54.4687



87.3580, 40.2495, -76.6130



90.4210, 52.0504, 11.9088

Rectangle

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



57.6830, -22.0287, 112.5340



86.0520, -42.4236, 27.1414



87.3580, 40.2495, -76.6130



85.8830, 67.5987, -75.3194

Sweetspot

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



57.6830, -22.0287, 112.5340



191.9840, -8.8661, 43.8640



73.8170, 55.3062, 87.8605



91.4980, -5.1755, 26.7503



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.



57.6830, -22.0287, 112.5340



74.1820, -28.6837, 147.1764



103.2750, -50.4216, 72.5498



85.6910, -1.3267, 5.5330



47.7840, -18.6275, 94.9054



8.6000, -3.2538, 17.0138

Inverse Universe

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



57.6830, -22.0287, 112.5340



74.1820, -28.6837, 147.1764



83.7250, 50.4216, -72.5498



85.6910, -1.3267, 5.5330



47.7840, -18.6275, 94.9054



8.6000, -3.2538, 17.0138

Previews

White Background



This preview shows how the YUV color 57.6830, -22.0287, 112.5340 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 57.6830, -22.0287, 112.5340

Background



This preview shows how black text looks on a background with the YUV color 57.6830, -22.0287, 112.5340.



This preview shows how white text looks on a background with the YUV color 57.6830, -22.0287, 112.5340.

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

57.6830, -22.0287, 112.5340

Protanopia

89.9930, -29.5765, 13.1611

Deuteranopia

87.5250, -43.1498, 26.7266



Tritanopia

65.2940, -32.1899, 104.9822

Trichromacy



Original Color

57.6830, -22.0287, 112.5340

Protanomaly

78.0220, -26.6328, 49.0927

Deuteranomaly

76.7860, -35.3905, 58.0697

Tritanomaly

62.3420, -28.2696, 107.5711

Monochromacy



Original Color

57.6830, -22.0287, 112.5340

Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

57.9020, -7.8397, 41.3049

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.6830, -22.0287, 112.5340 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, 1, 13)` looks like.

```
.text, #text, p{  
    color:rgb(186, 1, 13)  
}
```

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, 1, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 1, 13) }
```

Border

The CSS property to change the border of an element to YUV 57.6830, -22.0287, 112.5340 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, 1, 13) }
```


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

```
.border{ border-color:rgb(186, 1, 13) }
```

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

Here you see how a box with a 4 pixel rgb(186, 1, 13) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 1, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 1, 13);  
box-shadow:4px 4px 4px 4px rgb(186, 1, 13)  
}
```

Background

The CSS property to change the background color of an element to YUV 57.6830, -22.0287, 112.5340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 1, 13) }
```

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

```
.background{ background-color: rgb(186, 1,  
13) }
```

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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