

Converting Colors

YUV(65.2290, -30.1859,
115.5632)

Have a look what the booklet for
YUV(65.2290, -30.1859, 115.5632)
contains.

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Color

**YUV(65.2290, -30.1859,
115.5632)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C50A04 |
| RGB | 197, 10, 4 |
| RGB Percent | 77%, 4%, 2% |
| CMY | 0.2275, 0.9608, 0.9843 |
| CMYK | 0.00, 0.95, 0.98, 0.23 |
| HSL | 2°, 96%, 39% |
| HSV | 2°, 98%, 77% |
| XYZ | 23.1564, 12.0962, 1.2292 |
| YIQ | 65.2290, 113.3780, 37.7780 |

Conversions

Conversions Part 2

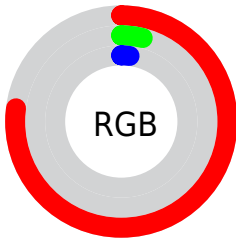
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 197, 10, 4 |
| Decimal | 12913156 |
| CIE _{Lab} | 41.37, 65.00, 54.05 |
| CIE _{LCh} | 41, 84.537, 39.741 |
| Yxy | 12.0962, 0.6347, 0.3316 |
| Android (android.graphics.Color) | 4291103236 (0xFFC50A04) |
| YUV | 65.2290, -30.1859, 115.5632 |
| Hunter-Lab | 34.7795, 57.9821, 22.2503 |

Details

The YUV color **65.2290, -30.1859, 115.5632** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **135.7710, 30.1859, -115.5632**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.9970, -38.4525, 106.9966**, and **39.7670, -19.6051, 81.7653** is the 20% darker color. If you saturate the color by 10%, you get **62.4250, -30.7755, 118.0223**, and if you desaturate by 10%, it is **78.6620, -26.9484, 103.7824**.

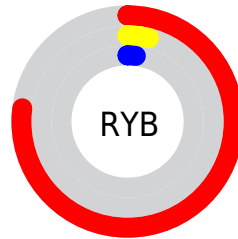
Distribution



Red (77%)

Green (4%)

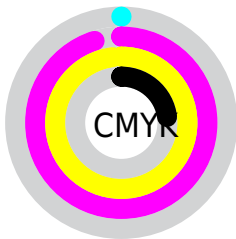
Blue (2%)



Red (77%)

Yellow (4%)

Blue (2%)

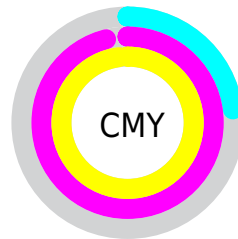


Cyan (0%)

Magenta (95%)

Yellow (98%)

Black (23%)



Cyan (23%)


Magenta (96%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the YUV color 65.2290, -30.1859, 115.5632 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 65.2290, -30.1859, 115.5632 by changing the saturation by 10% instead.


 65.2290, -30.1859,
115.5632


 65.2290, -30.1859,
115.5632


 253.4040, -6.1152,
1.3997

 49.3350, -24.3222,
101.4382


 132.9970,
-38.4525, 106.9966


 39.7670, -19.6051,
81.7653


 152.7560,
-36.3617, 89.6680


 30.1990, -14.8881,
62.0925

 172.6290,
-33.8341, 72.2394

 21.8700, -9.3029,
43.9640

 192.6160,
-30.8697, 54.7108


 12.3730, -5.6069,
25.1059


 212.7170,
-27.4685, 37.0822


 0.0000, 0.0000,
0.0000


 233.4050,


-24.3567, 18.9388


 250.0980,
-18.7823, 4.2991


 65.2290, -30.1859,
115.5632

 65.2290, -30.1859,
115.5632


 62.4250, -30.7755,
118.0223

 78.6620, -26.9484,
103.7824

 91.9810, -24.1476,
92.1017

 105.4140,
-20.9101, 80.3209

 118.8470,
-17.6726, 68.5402

 132.2800,
-14.4350, 56.7594

■ 146.1860,
-11.9237, 44.5639

■ 159.6190, -8.6862,
32.7831

■ 173.0520, -5.4486,
21.0024

■ 186.3710, -2.6479,
9.3216

Harmonies

Analogous

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



72.6930, 3.1094, 123.0492



65.2290, -30.1859, 115.5632



90.9680, -44.8472, 57.9101

Triad

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



65.2290, -30.1859, 115.5632



76.7440, -15.6498, -67.3045



86.4190, 74.7294, -75.7895

Complementary

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



65.2290, -30.1859, 115.5632



135.7710, 30.1859, -115.5632

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.



95.4860, 66.3154, -83.7412



65.2290, -30.1859, 115.5632



86.3540, 16.0945, -75.7325

Square

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



65.2290, -30.1859, 115.5632



68.0920, -33.5694, -59.7167



93.9920, 45.3599, -82.4310



96.3450, 54.0599, 20.7454

Rectangle

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



65.2290, -30.1859, 115.5632



91.6450, -45.1810, 24.8673



93.9920, 45.3599, -82.4310



90.7560, 73.5773, -79.5930

Sweetspot

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



65.2290, -30.1859, 115.5632



204.3000, -11.4869, 44.4639



83.3670, 54.5421, 99.6561



97.0420, -6.9227, 27.1502



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



65.2290, -30.1859, 115.5632



80.9410, -39.9039, 152.6497



120.4070, -57.3887, 67.1721



92.6910, -1.3267, 5.5330



51.6720, -25.4743, 97.6347



11.3510, -5.5960, 21.6172

Inverse Universe

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



135.7710, 30.1859, -115.5632



174.0590, 39.9039, -152.6497



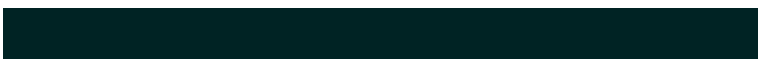
80.5930, 57.3887, -67.1721



96.3090, 1.3267, -5.5330



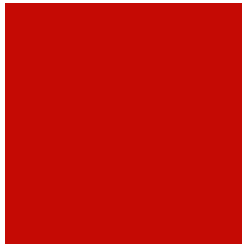
111.3280, 25.4743, -97.6347



24.6490, 5.5960, -21.6172

Previews

White Background



This preview shows how the YUV color 65.2290, -30.1859, 115.5632 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 65.2290, -30.1859, 115.5632

Background



This preview shows how black text looks on a background with the YUV color 65.2290, -30.1859, 115.5632.



This preview shows how white text looks on a background with the YUV color 65.2290, -30.1859,

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

65.2290, -30.1859, 115.5632

Protanopia

95.1520, -34.0919, 14.7757

Deuteranopia

93.1400, -45.9180, 27.9412



Tritanopia

69.1700, -34.1008, 111.2299

Trichromacy



Original Color

65.2290, -30.1859, 115.5632

Protanomaly

84.1380, -32.6060, 51.6220

Deuteranomaly

82.8310, -40.3427, 59.7842

Tritanomaly

67.5230, -32.7958, 112.6743

Monochromacy



Original Color

65.2290, -30.1859, 115.5632

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

65.1040, -10.8973, 42.0048

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.2290, -30.1859, 115.5632 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(197, 10, 4)` looks like.

```
.text, #text, p{  
    color:rgb(197, 10, 4)  
}
```

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(197, 10, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 10, 4) }
```

Border

The CSS property to change the border of an element to YUV 65.2290, -30.1859, 115.5632 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(197, 10, 4) }
```


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

```
.border{ border-color:rgb(197, 10, 4) }
```

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

Here you see how a box with a 4 pixel rgb(197, 10, 4) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 10, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 10, 4);  
box-shadow:4px 4px 4px 4px rgb(197, 10, 4)  
}
```

Background

The CSS property to change the background color of an element to YUV 65.2290, -30.1859, 115.5632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 10, 4) }
```

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

```
.background{ background-color: rgb(197, 10,  
4) }
```

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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