

Converting Colors

YUV(74.6910, -34.3577,
100.2490)

Have a look what the booklet for
YUV(74.6910, -34.3577, 100.2490)
contains.

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Color

**YUV(74.6910, -34.3577,
100.2490)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | BD1E05 |
| RGB | 189, 30, 5 |
| RGB Percent | 74%, 12%, 2% |
| CMY | 0.2588, 0.8824, 0.9804 |
| CMYK | 0.00, 0.84, 0.97, 0.26 |
| HSL | 8°, 95%, 38% |
| HSV | 8°, 97%, 74% |
| XYZ | 21.4779, 11.7583, 1.2811 |
| YIQ | 74.6910, 102.7890, 25.9330 |

Conversions

Conversions Part 2

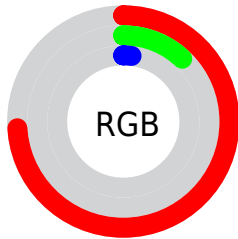
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 189, 34, 5 |
| Decimal | 12393989 |
| CIE Lab | 40.83, 59.59, 52.49 |
| CIE LCh | 41, 79.415, 41.375 |
| Yxy | 11.7583, 0.6222, 0.3406 |
| Android (android.graphics.Color) | 4290584069 (0xFFBD1E05) |
| YUV | 74.6910, -34.3577, 100.2490 |
| Hunter-Lab | 34.2904, 51.7960, 21.7881 |

Details

The YUV color **74.6910, -34.3577, 100.2490** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **119.3090, 34.3577, -100.2490**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.9210, -39.8941, 102.6783**, and **37.6740, -18.5733, 77.4619** is the 20% darker color. If you saturate the color by 10%, you get **71.7730, -35.3841, 102.8081**, and if you desaturate by 10%, it is **86.2490, -30.6888, 90.1126**.

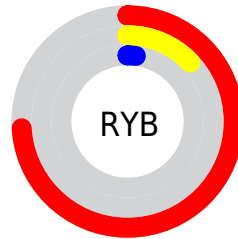
Distribution



Red (74%)

Green (12%)

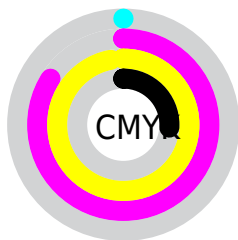
Blue (2%)



Red (74%)

Yellow (13%)

Blue (2%)

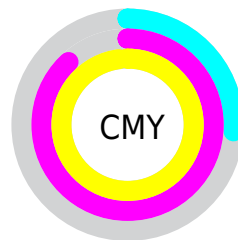


Cyan (0%)

Magenta (84%)

Yellow (97%)

Black (26%)



Cyan (26%)


Magenta (88%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the YUV color 74.6910, -34.3577, 100.2490 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 74.6910, -34.3577, 100.2490 by changing the saturation by 10% instead.


 74.6910, -34.3577,
100.2490


 74.6910, -34.3577,
100.2490


 253.5180, -5.6784,
1.2997


 46.9430, -23.1429,
96.5200


 136.9210,
-39.8941, 102.6783


 37.6740, -18.5733,
77.4619

 156.3920,
-37.6613, 86.4792


 28.4050, -14.0037,
58.4038

 175.7920,
-34.4075, 69.4654

 20.3750, -8.5659,
40.8901

 195.0780,
-31.5905, 52.5516

 10.2800, -4.5750,
20.8024


 215.1790,
-28.1892, 34.9230


 0.0000, 0.0000,
0.0000


 235.8670,


-25.0774, 16.7796


 250.3260,
-17.9087, 4.0991

 74.6910, -34.3577,
100.2490


 74.6910, -34.3577,
100.2490


 71.7730, -35.3841,
102.8081

 86.2490, -30.6888,
90.1126

 98.3940, -27.3092,
79.4615

 109.9520,
-23.6403, 69.3251

 121.5100,
-19.9714, 59.1887

 133.6550,
-16.5919, 48.5376

■ 145.0990,
-13.3598, 38.5012

■ 156.6570, -9.6909,
28.3648

■ 168.8020, -6.3114,
17.7136

■ 180.3600, -2.6425,
7.5773

Harmonies

Analogous

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



69.8450, 2.5414, 118.5309



74.6910, -34.3577, 100.2490



90.0490, -44.3942, 52.5770

Triad

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



74.6910, -34.3577, 100.2490



76.2540, -12.4502, -66.8748



83.4040, 70.7928, -73.1453

Complementary

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



74.6910, -34.3577, 100.2490



119.3090, 34.3577, -100.2490

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.



92.8130, 63.6892, -81.3970



74.6910, -34.3577, 100.2490



85.2940, 17.1101, -74.8028

Square

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



74.6910, -34.3577, 100.2490



66.9180, -32.9906, -58.6871



91.7750, 44.4809, -80.4867



95.8140, 49.3917, 24.7191

Rectangle

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



74.6910, -34.3577, 100.2490



90.1500, -44.4439, 21.7935



91.7750, 44.4809, -80.4867



87.7410, 69.6407, -76.9489

Sweetspot

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



74.6910, -34.3577, 100.2490



200.5120, -13.0704, 39.0160



78.1420, 42.3280, 97.2225



95.4930, -7.6380, 23.2466



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.



74.6910, -34.3577, 100.2490



92.6260, -45.6646, 133.6320



128.6950, -60.9816, 52.8875



88.2780, -1.6161, 5.0182



59.5690, -29.3675, 86.3240



11.6170, -5.7272, 16.9989

Inverse Universe

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



119.3090, 34.3577, -100.2490



152.3740, 45.6646, -133.6320



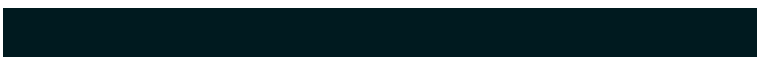
65.3050, 60.9816, -52.8875



90.7220, 1.6161, -5.0182



98.4310, 29.3675, -86.3240



18.7960, 6.0166, -16.4841

Previews

White Background



This preview shows how the YUV color 74.6910, -34.3577, 100.2490 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

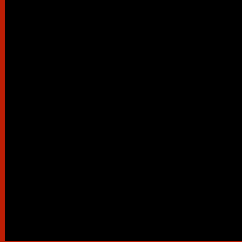
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.6910, -34.3577, 100.2490

Background



This preview shows how black text looks on a background with the YUV color 74.6910, -34.3577, 100.2490.



This preview shows how white text looks on a background with the YUV color 74.6910, -34.3577,

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

74.6910, -34.3577, 100.2490

Protanopia

93.1520, -34.0919, 14.7757

Deuteranopia

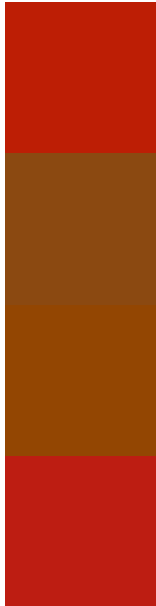
91.3680, -45.0444, 27.7413



Tritanopia

75.9110, -24.6061, 99.1791

Trichromacy



Original Color

74.6910, -34.3577, 100.2490

Protanomaly

86.3500, -34.1896, 46.1740

Deuteranomaly

85.2710, -41.0526, 54.1363

Tritanomaly

75.5860, -28.3899, 99.4641

Monochromacy



Original Color

74.6910, -34.3577, 100.2490

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

75.0170, -12.3334, 35.9421

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.6910, -34.3577, 100.2490 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(189, 30, 5)` looks like.

```
.text, #text, p{  
    color:rgb(189, 30, 5)  
}
```

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(189, 30, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 30, 5) }
```

Border

The CSS property to change the border of an element to YUV 74.6910, -34.3577, 100.2490 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(189, 30, 5) }
```


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

```
.border{ border-color:rgb(189, 30, 5) }
```

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

Here you see how a box with a 4 pixel rgb(189, 30, 5) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 30, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 30, 5);  
box-shadow:4px 4px 4px 4px rgb(189, 30, 5)  
}
```

Background

The CSS property to change the background color of an element to YUV 74.6910, -34.3577, 100.2490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 30, 5) }
```

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

```
.background{ background-color: rgb(189, 30,  
5) }
```

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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