

Converting Colors

YUV(75.8820, -37.4098,
99.2045)

Have a look what the booklet for
YUV(75.8820, -37.4098, 99.2045)
contains.

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Color

**YUV(75.8820, -37.4098,
99.2045)**

Conversions

Conversions Part 1

Format	Color
Hex	BD2100
RGB	189, 33, 0
RGB Percent	74%, 13%, 0%
CMY	0.2588, 0.8706, 1.0000
CMYK	0.00, 0.83, 1.00, 0.26
HSL	10°, 100%, 37%
HSV	10°, 100%, 74%
XYZ	21.5301, 11.9065, 1.1634
YIQ	75.8820, 103.5690, 22.8090

Conversions

Conversions Part 2

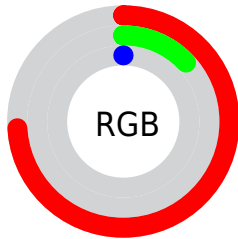
Format	Color
R _Y B	189, 40, 0
Decimal	12394752
CIE Lab	41.07, 58.81, 54.34
CIE LCh	41, 80.075, 42.736
Yxy	11.9065, 0.6223, 0.3441
Android (android.graphics.Color)	4290584832 (0xFFBD2100)
YUV	75.8820, -37.4098, 99.2045
Hunter-Lab	34.5058, 50.9909, 22.1550

Details

The YUV color **75.8820, -37.4098, 99.2045** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **113.1180, 37.4098, -99.2045**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.1660, -41.4938, 102.4634**, and **37.6740, -18.5733, 77.4619** is the 20% darker color. If you saturate the color by 10%, you get **75.8820, -37.4098, 99.2045**, and if you desaturate by 10%, it is **87.4400, -33.7409, 89.0681**.

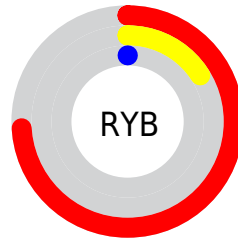
Distribution



Red (74%)

Green (13%)

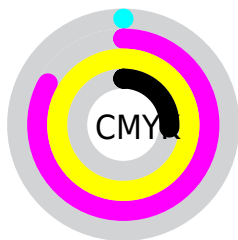
Blue (0%)



Red (74%)

Yellow (16%)

Blue (0%)

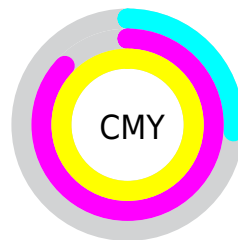


Cyan (0%)

Magenta (83%)

Yellow (100%)

Black (26%)



Cyan (26%)


Magenta (87%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 75.8820, -37.4098, 99.2045 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 75.8820, -37.4098, 99.2045 by changing the saturation by 10% instead.


 75.8820, -37.4098,
99.2045


 75.8820, -37.4098,
99.2045


 253.1760, -6.9888,
1.5996


 46.9430, -23.1429,
96.5200


 137.1660,
-41.4938, 102.4634


 37.6740, -18.5733,
77.4619


 156.6370,
-39.2610, 86.2644


 28.4050, -14.0037,
58.4038

 175.9230,
-36.4440, 69.3505

 20.2610, -9.0027,
40.9901

 195.9100,
-33.4796, 51.8219

 10.2800, -4.5750,
20.8024


 216.0110,
-30.0784, 34.1934


 0.0000, 0.0000,
0.0000


 236.1120,

-26.6772, 16.5648

 249.8700,
-19.6559, 4.4990

 75.8820, -37.4098,
99.2045

 87.4400, -33.7409,
89.0681

 98.4110, -29.7826,
79.4466

 109.9690,
-26.1137, 69.3102

 120.9400,
-22.1554, 59.6886

 132.4980,
-18.4865, 49.5523

■ 143.9420,
-15.2544, 39.5159

■ 154.9130,
-11.2961, 29.8943

■ 166.4710, -7.6272,
19.7579

■ 177.4420, -3.6689,
10.1364

Harmonies

Analogous

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



69.9160, 1.5204, 119.3457



75.8820, -37.4098, 99.2045



90.9240, -44.8255, 50.9327

Triad

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



75.8820, -37.4098, 99.2045



77.2970, -10.9924, -67.7895



82.9310, 71.5190, -72.7305

Complementary

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



75.8820, -37.4098, 99.2045



113.1180, 37.4098, -99.2045

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.



93.1550, 64.9996, -81.6969



75.8820, -37.4098, 99.2045



86.3370, 18.5679, -75.7175

Square

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



75.8820, -37.4098, 99.2045



67.5050, -33.2800, -59.2019



92.8180, 45.9387, -81.4014



96.0210, 48.7966, 28.9226

Rectangle

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



75.8820, -37.4098, 99.2045



91.0250, -44.8753, 20.1491



92.8180, 45.9387, -81.4014



87.9690, 70.5143, -77.1488

Sweetspot

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



75.8820, -37.4098, 99.2045



200.7570, -14.6702, 38.8011



74.4090, 40.7174, 100.4963



95.8520, -8.8010, 22.9318



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.



75.8820, -37.4098, 99.2045



98.4960, -48.5585, 128.4840



130.4730, -64.3232, 51.3282



88.8650, -1.9054, 4.5034



63.6780, -31.3933, 82.7204



12.2040, -6.0166, 16.4841

Inverse Universe

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



113.1180, 37.4098, -99.2045



146.5040, 48.5585, -128.4840



58.5270, 64.3232, -51.3282



90.7220, 1.6161, -5.0182



94.3220, 31.3933, -82.7204



18.2090, 6.3060, -15.9693

Previews

White Background



This preview shows how the YUV color 75.8820, -37.4098, 99.2045 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



This preview shows how the YUV color 75.8820, -37.4098, 99.2045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

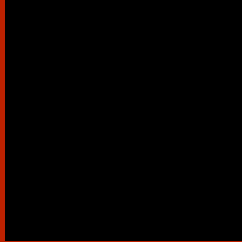
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.8820, -37.4098, 99.2045

Background



This preview shows how black text looks on a background with the YUV color 75.8820, -37.4098, 99.2045.



This preview shows how white text looks on a background with the YUV color 75.8820, -37.4098,

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

75.8820, -37.4098, 99.2045

Protanopia

93.0380, -34.5287, 14.8757

Deuteranopia

91.6670, -45.1918, 28.3560



Tritanopia

78.1280, -23.7271, 97.2347

Trichromacy



Original Color

75.8820, -37.4098, 99.2045

Protanomaly

86.7090, -35.3525, 45.8592

Deuteranomaly

85.9290, -42.3630, 54.4363

Tritanomaly

77.4610, -28.8213, 97.8197

Monochromacy



Original Color

75.8820, -37.4098, 99.2045

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.6750, -13.6438, 36.2420

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.8820, -37.4098, 99.2045 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, 33, 0)` looks like.

```
.text, #text, p{  
    color:rgb(189, 33, 0)  
}
```

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, 33, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 33, 0) }
```

Border

The CSS property to change the border of an element to YUV 75.8820, -37.4098, 99.2045 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, 33, 0) }
```


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

```
.border{ border-color:rgb(189, 33, 0) }
```

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

Here you see how a box with a 4 pixel rgb(189, 33, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 33, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 33, 0);  
box-shadow:4px 4px 4px 4px rgb(189, 33, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 75.8820, -37.4098, 99.2045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 33, 0) }
```

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

```
.background{ background-color: rgb(189, 33,  
0) }
```

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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