

Converting Colors

YUV(77.8710, -33.9534,
110.6151)

Have a look what the booklet for
YUV(77.8710, -33.9534, 110.6151)
contains.

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Color

**YUV(77.8710, -33.9534,
110.6151)**

Conversions

Conversions Part 1

Format	Color
Hex	CC1B09
RGB	204, 27, 9
RGB Percent	80%, 11%, 4%
CMY	0.2000, 0.8941, 0.9647
CMYK	0.00, 0.87, 0.96, 0.20
HSL	6°, 92%, 42%
HSV	6°, 96%, 80%
XYZ	25.3431, 13.6410, 1.5557
YIQ	77.8710, 111.2700, 31.9260

Conversions

Conversions Part 2

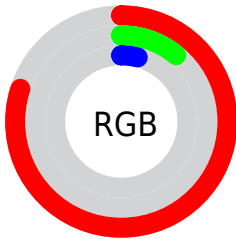
Format	Color
RYB	204, 29, 9
Decimal	13376265
CIELab	43.71, 64.43, 54.42
CIElCh	44, 84.341, 40.187
Yxy	13.6410, 0.6251, 0.3365
Android (android.graphics.Color)	4291566345 (0xFFCC1B09)
YUV	77.8710, -33.9534, 110.6151
Hunter-Lab	36.9337, 57.8489, 23.3562

Details

The YUV color **77.8710, -33.9534, 110.6151** 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 **135.1290, 33.9534, -110.6151**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.2630, -38.5837, 102.3783**, and **41.8600, -20.6370, 86.0688** is the 20% darker color. If you saturate the color by 10%, you get **72.1490, -35.5695, 115.6333**, and if you desaturate by 10%, it is **91.3040, -30.7159, 98.8344**.

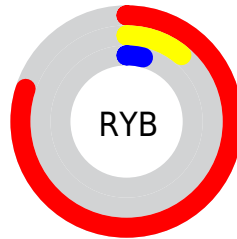
Distribution



Red (80%)

Green (11%)

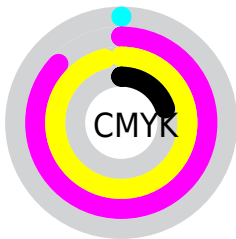
Blue (4%)



Red (80%)

Yellow (11%)

Blue (4%)

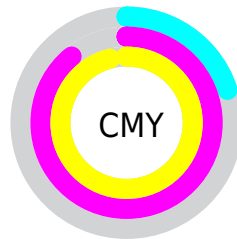


Cyan (0%)

Magenta (87%)

Yellow (96%)

Black (20%)



Cyan (20%)

Magenta (89%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.8710, -33.9534, 110.6151 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 77.8710, -33.9534, 110.6151 by changing the saturation by 10% instead.

■ 77.8710, -33.9534,
110.6151

■ 77.8710, -33.9534,
110.6151

■ 254.0880, -3.4944,
0.7998

■ 51.4280, -25.3540,
105.7416

■ 138.2630,
-38.5837, 102.3783

■ 41.8600, -20.6370,
86.0688

■ 158.0220,
-36.4928, 85.0497

■ 32.2920, -15.9200,
66.3959

■ 177.4220,
-33.2390, 68.0359

■ 23.5500, -10.6242,
47.7527

■ 197.4090,
-30.2746, 50.5073


■ 14.5800, -6.2019,
29.3093


■ 217.3960,
-27.3102, 32.9787


■ 0.0000, 0.0000,
0.0000


■ 238.1980,


-23.7616, 14.7354

 250.7820,
-16.1615, 3.6992


 77.8710, -33.9534,
110.6151


 77.8710, -33.9534,
110.6151


 72.1490, -35.5695,
115.6333

 91.3040, -30.7159,
98.8344

 104.2640,
-26.7522, 87.4685

 117.6970,
-23.5146, 75.6877

 130.6570,
-19.5509, 64.3218

 144.0900,
-16.3134, 52.5411

■ 156.9360,
-12.7864, 41.2751

■ 170.4830, -9.1121,
29.3944

■ 183.3290, -5.5852,
18.1285

■ 196.8760, -1.9109,
6.2477

Harmonies

Analogous

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



75.2420, 3.8247, 126.9528



77.8710, -33.9534, 110.6151



96.8710, -47.7574, 57.9951

Triad

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



77.8710, -33.9534, 110.6151



81.0640, -14.3286, -71.0931



90.0380, 75.9033, -78.9633

Complementary

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



77.8710, -33.9534, 110.6151



135.1290, 33.9534, -110.6151

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.



99.8060, 67.6366, -87.5299



77.8710, -33.9534, 110.6151



91.2610, 17.1263, -80.0359

Square

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



77.8710, -33.9534, 110.6151



71.6140, -35.3057, -62.8055



98.3120, 46.6812, -86.2196



103.2420, 53.6177, 22.5898

Rectangle

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



77.8710, -33.9534, 110.6151



96.9610, -47.8018, 25.4672



98.3120, 46.6812, -86.2196



94.9620, 74.4617, -83.2817

Sweetspot

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



77.8710, -33.9534, 110.6151



207.2350, -12.9339, 41.8899



87.7110, 49.4425, 101.9855



98.8030, -7.7909, 25.6058



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.



77.8710, -33.9534, 110.6151



90.3330, -44.5342, 144.4130



134.2230, -61.7349, 61.1944



95.5770, -1.7635, 5.6330



58.4390, -28.8104, 94.3310



13.7100, -6.7590, 21.3023

Inverse Universe

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



135.1290, 33.9534, -110.6151



164.6670, 44.5342, -144.4130



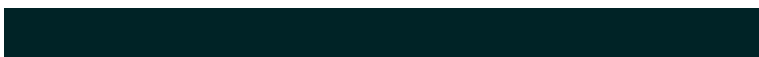
78.7770, 61.7349, -61.1944



98.4230, 1.7635, -5.6330



106.9740, 29.0998, -93.8162



24.8770, 6.4696, -21.8171

Previews

White Background



This preview shows how the YUV color 77.8710, -33.9534, 110.6151 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 77.8710, -33.9534, 110.6151

Background



This preview shows how black text looks on a background with the YUV color 77.8710, -33.9534, 110.6151.



This preview shows how white text looks on a background with the YUV color 77.8710, -33.9534,

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

77.8710, -33.9534, 110.6151

Protanopia

99.8100, -35.4023, 15.0756

Deuteranopia

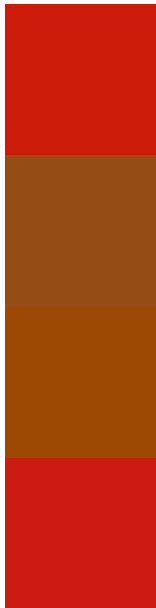
97.5810, -48.1074, 30.1855



Tritanopia

78.7660, -27.9856, 109.8302

Trichromacy



Original Color

77.8710, -33.9534, 110.6151

Protanomaly

92.1440, -35.0740, 49.8627

Deuteranomaly

90.4350, -43.1055, 59.2545

Tritanomaly

78.1960, -30.1696, 110.3301

Monochromacy



Original Color

77.8710, -33.9534, 110.6151

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

77.7510, -12.2022, 40.5604

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.8710, -33.9534, 110.6151 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(204, 27, 9)` looks like.

```
.text, #text, p{  
    color:rgb(204, 27, 9)  
}
```

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(204, 27, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 27, 9) }
```

Border

The CSS property to change the border of an element to YUV 77.8710, -33.9534, 110.6151 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(204, 27, 9) }
```


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

```
.border{ border-color:rgb(204, 27, 9) }
```

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

Here you see how a box with a 4 pixel rgb(204, 27, 9) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 27, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 27, 9);  
box-shadow:4px 4px 4px 4px rgb(204, 27, 9)  
}
```

Background

The CSS property to change the background color of an element to YUV 77.8710, -33.9534, 110.6151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 27, 9) }
```

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

```
.background{ background-color: rgb(204, 27,  
9) }
```

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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