

Converting Colors

YUV(180.2200, -77.5095,
34.0101)

Have a look what the booklet for
YUV(180.2200, -77.5095, 34.0101)
contains.

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Color

**YUV(180.2200, -77.5095,
34.0101)**

Conversions

Conversions Part 1

Format	Color
Hex	DBBF17
RGB	219, 191, 23
RGB Percent	86%, 75%, 9%
CMY	0.1412, 0.2510, 0.9098
CMYK	0.00, 0.13, 0.89, 0.14
HSL	51°, 81%, 47%
HSV	51°, 89%, 86%
XYZ	47.9989, 52.3835, 8.3918
YIQ	180.2200, 70.6160, -46.3120

Conversions

Conversions Part 2

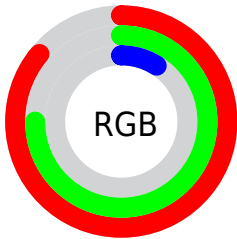
Format	Color
RYB	56, 219, 23
Decimal	14401303
CIELab	77.51, -4.89, 76.11
CIELCh	78, 76.267, 93.676
Yxy	52.3835, 0.4413, 0.4816
Android (android.graphics.Color)	4292591383 (0xFFDDBBF17)
YUV	180.2200, -77.5095, 34.0101
Hunter-Lab	72.3765, -8.2806, 43.7890

Details

The YUV color **180.2200, -77.5095, 34.0101** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle washed orange. A complement of this color would be **61.7800, 77.5095, -34.0101**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.4940, -69.7565, 20.6148**, and **128.5470, -63.3737, 26.7073** is the 20% darker color. If you saturate the color by 10%, you get **175.9510, -86.2508, 37.7540**, and if you desaturate by 10%, it is **184.4890, -68.7681, 30.2661**.

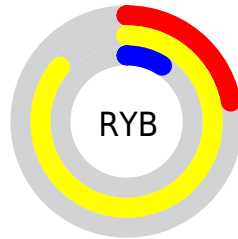
Distribution



Red (86%)

Green (75%)

Blue (9%)



Red (22%)

Yellow (86%)

Blue (9%)

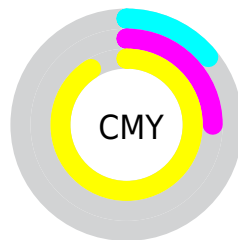


Cyan (0%)

Magenta (13%)

Yellow (89%)

Black (14%)



Cyan (14%)

Magenta (25%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.2200, -77.5095, 34.0101 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 180.2200, -77.5095, 34.0101 by changing the saturation by 10% instead.

■ 180.2200,
-77.5095, 34.0101

■ 180.2200,
-77.5095, 34.0101

■ 255.0000, 0.0000,
0.0000

■ 152.7790,
-75.3200, 31.7658

■ 231.4940,
-69.7565, 20.6148

■ 128.5470,
-63.3737, 26.7073

■ 239.4960,
-59.4045, 13.5970

■ 105.2010,
-51.8641, 21.7487

■ 242.6880,
-47.1742, 10.7976

■ 82.7410, -40.7913,
16.8901

■ 245.9940,
-34.5070, 7.8983

■ 60.8680, -30.0079,
11.5168

■ 249.3000,
-21.8399, 4.9989

■ 40.1800, -19.8087,
6.8581

■ 252.7200, -8.7360,

■ 21.2640, -10.4832,

1.9996

2.3995

■ 0.0000, 0.0000,
0.0000

■ 180.2200,
-77.5095, 34.0101

■ 180.2200,
-77.5095, 34.0101

■ 175.9510,
-86.2508, 37.7540

■ 184.4890,
-68.7681, 30.2661

■ 175.8370,
-86.6876, 37.8540

■ 188.7580,
-60.0267, 26.5222

■ 193.0270,
-51.2853, 22.7783

■ 197.8830,
-42.8333, 18.5196

■ 202.1520,
-34.0919, 14.7757

■ 206.3070,
-25.7874, 11.1318

■ 210.5760,
-17.0460, 7.3878

■ 214.8450, -8.3046,
3.6439

■ 219.1140, 0.4368,
-0.1000

Harmonies

Analogous

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



179.2390, -59.2778, 66.4424



180.2200, -77.5095, 34.0101



173.8780, -55.6489, -24.4490

Triad

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



180.2200, -77.5095, 34.0101



160.5580, 46.5599, -140.8094



186.3210, 33.8587, 60.2315

Complementary

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



180.2200, -77.5095, 34.0101



61.7800, 77.5095, -34.0101

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.



189.2690, 32.4054, 12.9191



180.2200, -77.5095, 34.0101



155.2750, 49.1644, -136.1762

Square

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



180.2200, -77.5095, 34.0101



154.6470, 21.3730, -135.6254



144.7090, 54.3735, -126.9098



169.0630, 8.3499, 75.3667

Rectangle

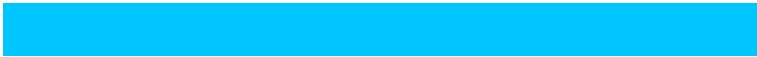
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



180.2200, -77.5095, 34.0101



162.1330, -29.1526, -76.4156



144.7090, 54.3735, -126.9098



191.6040, 31.2542, 55.5983

Sweetspot

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



180.2200, -77.5095, 34.0101



241.2640, -27.2452, 12.0465



84.9100, -16.2246, 117.5969



119.8040, -16.1724, 7.1879



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.



180.2200, -77.5095, 34.0101



204.7980, -100.9654, 44.0272



176.0250, -75.4413, -22.8239



107.5720, -4.2260, 2.1294



139.1900, -68.6207, 29.6514



36.6470, -18.0670, 8.2026

Inverse Universe

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



61.7800, 77.5095, -34.0101



50.2020, 100.9654, -44.0272



65.9750, 75.4413, 22.8239



100.8410, 4.5154, -1.6146



34.3970, 68.3313, -30.1662



9.3530, 18.0670, -8.2026

Previews

White Background



This preview shows how the YUV color 180.2200, -77.5095, 34.0101 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 180.2200, -77.5095, 34.0101 looks on a black 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 ✓ Pass

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

YUV 180.2200, -77.5095, 34.0101 Background



This preview shows how black text looks on a background with the YUV color 180.2200, -77.5095, 34.0101.



This preview shows how white text looks on a background with the YUV color 180.2200, -77.5095, 34.0101.

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

180.2200, -77.5095, 34.0101

Protanopia

179.9100, -77.3566, 31.6509

Deuteranopia

182.7260, -74.8009, 51.9833



Tritanopia

195.0300, -1.9868, 30.6687

Trichromacy



Original Color

180.2200, -77.5095, 34.0101

Protanomaly

180.2090, -77.5040, 32.2657

Deuteranomaly

181.7530, -75.8002, 45.8206

Tritanomaly

189.8150, -29.4888, 31.7342

Monochromacy



Original Color

180.2200, -77.5095, 34.0101

Achromatopsia

180.0000, 0.0000, 0.0000

Achromatomaly

180.0360, -28.1187, 12.2464

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.2200, -77.5095, 34.0101 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(219, 191, 23)` looks like.

```
.text, #text, p{  
    color:rgb(219, 191, 23)  
}
```

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(219, 191, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 191, 23) }
```

Border

The CSS property to change the border of an element to YUV 180.2200, -77.5095, 34.0101 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(219, 191, 23) }
```


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

```
.border{ border-color:rgb(219, 191, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 191, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 191, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 191, 23);  
box-shadow:4px 4px 4px 4px rgb(219, 191,  
23) }
```

Background

The CSS property to change the background color of an element to YUV 180.2200, -77.5095, 34.0101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 191, 23) }
```

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

```
.background{ background-color: rgb(219,  
191, 23) }
```

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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