

Converting Colors

YUV(177.6820, -78.2302,
31.8509)

Have a look what the booklet for
YUV(177.6820, -78.2302, 31.8509)
contains.

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Color

**YUV(177.6820, -78.2302,
31.8509)**

Conversions

Conversions Part 1

Format	Color
Hex	D6BE13
RGB	214, 190, 19
RGB Percent	84%, 75%, 7%
CMY	0.1608, 0.2549, 0.9255
CMYK	0.00, 0.11, 0.91, 0.16
HSL	53°, 84%, 46%
HSV	53°, 91%, 84%
XYZ	46.2626, 51.1701, 8.0546
YIQ	177.6820, 69.1950, -48.0930

Conversions

Conversions Part 2

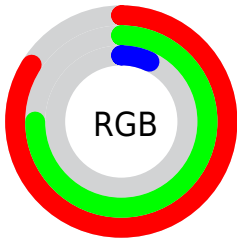
Format	Color
R _Y B	46, 214, 19
Decimal	14073363
CIE Lab	76.78, -6.61, 76.01
CIE LCh	77, 76.299, 94.972
Yxy	51.1701, 0.4386, 0.4851
Android (android.graphics.Color)	4292263443 (0xFFD6BE13)
YUV	177.6820, -78.2302, 31.8509
Hunter-Lab	71.5333, -9.7423, 43.3973

Details

The YUV color **177.6820, -78.2302, 31.8509** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle washed orange. A complement of this color would be **55.3180, 78.2302, -31.8509**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.6790, -70.3407, 21.3295**, and **126.7640, -62.4947, 24.7630** is the 20% darker color. If you saturate the color by 10%, you get **174.3420, -85.9506, 34.7801**, and if you desaturate by 10%, it is **181.8370, -69.9256, 28.2070**.

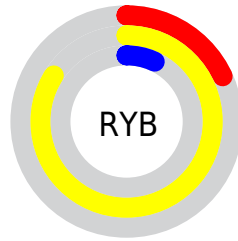
Distribution



Red (84%)

Green (75%)

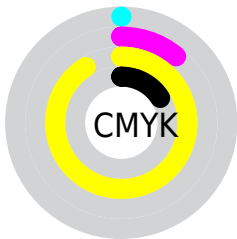
Blue (7%)



Red (18%)

Yellow (84%)

Blue (7%)

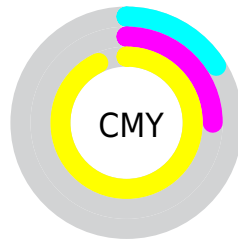


Cyan (0%)

Magenta (11%)

Yellow (91%)

Black (16%)



Cyan (16%)

Magenta (25%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.6820, -78.2302, 31.8509 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 177.6820, -78.2302, 31.8509 by changing the saturation by 10% instead.

■ 177.6820,
-78.2302, 31.8509

■ 177.6820,
-78.2302, 31.8509

■ 255.0000, 0.0000,
0.0000

■ 150.6970,
-74.2936, 29.2067

■ 230.6790,
-70.3407, 21.3295

■ 126.7640,
-62.4947, 24.7630

■ 239.2680,
-60.2781, 13.7970

■ 103.4180,
-50.9851, 19.8044

■ 242.4600,
-48.0478, 10.9976

■ 80.6590, -39.7649,
14.3311

■ 245.7660,
-35.3806, 8.0982

■ 59.0850, -29.1289,
9.5725

■ 249.0720,
-22.7135, 5.1989

■ 38.3970, -18.9297,
4.9138

■ 252.4920, -9.6096,

■ 19.1820, -9.4567,

2.1995

-0.1596

■ 0.0000, 0.0000,
0.0000

■ 177.6820,
-78.2302, 31.8509

■ 177.6820,
-78.2302, 31.8509

■ 174.3420,
-85.9506, 34.7801

■ 181.8370,
-69.9256, 28.2070

■ 185.5190,
-60.8949, 24.9778

■ 189.6740,
-52.5903, 21.3339

■ 193.9430,
-43.8489, 17.5900

■ 197.5110,
-35.2549, 14.4609

■ 201.6660,
-26.9503, 10.8169

■ 205.3480,
-17.9196, 7.5878

■ 209.5030, -9.6150,
3.9439

■ 213.7720, -0.8736,
0.2000

Harmonies

Analogous

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



178.7830, -61.0250, 66.8423



177.6820, -78.2302, 31.8509



171.0240, -53.7488, -27.2080

Triad

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



177.6820, -78.2302, 31.8509



158.7970, 47.4281, -139.2650



183.5170, 33.2691, 62.6906

Complementary

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



177.6820, -78.2302, 31.8509



55.3180, 78.2302, -31.8509

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.



187.5190, 33.2681, 16.2078



177.6820, -78.2302, 31.8509



153.5140, 50.0326, -134.6318

Square

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



177.6820, -78.2302, 31.8509



153.7010, 22.8254, -134.7958



142.9480, 55.2416, -125.3654



166.7320, 7.0341, 77.4110

Rectangle

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



177.6820, -78.2302, 31.8509



158.3820, -26.8103, -81.0190



142.9480, 55.2416, -125.3654



189.8430, 32.1224, 57.1427

Sweetspot

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



177.6820, -78.2302, 31.8509



242.4380, -27.8239, 11.0169



80.2690, -17.3876, 117.2821



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.



177.6820, -78.2302, 31.8509



207.7330, -102.4124, 41.4532



170.2420, -74.5623, -24.7682



105.1590, -4.5154, 1.6146



139.1790, -68.6152, 27.9070



35.1630, -17.3354, 6.8730

Inverse Universe

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



55.3180, 78.2302, -31.8509



47.2670, 102.4124, -41.4532



62.4590, 74.7097, 24.1535



98.4280, 4.2260, -2.1294



31.8210, 68.6152, -27.9070



7.8370, 17.3354, -6.8730

Previews

White Background



This preview shows how the YUV color 177.6820, -78.2302, 31.8509 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 177.6820, -78.2302, 31.8509 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 177.6820, -78.2302, 31.8509

Background



This preview shows how black text looks on a background with the YUV color 177.6820, -78.2302, 31.8509.



This preview shows how white text looks on a background with the YUV color 177.6820, -78.2302, 31.8509.

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

177.6820, -78.2302, 31.8509

Protanopia

177.6820, -78.2302, 31.8509

Deuteranopia

180.5410, -74.2167, 51.2685



Tritanopia

192.8340, -1.3972, 28.2096

Trichromacy



Original Color

177.6820, -78.2302, 31.8509

Protanomaly

177.6820, -78.2302, 31.8509

Deuteranomaly

179.7420, -75.7948, 44.0763

Tritanomaly

187.5050, -29.3360, 29.3751

Monochromacy



Original Color

177.6820, -78.2302, 31.8509

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

177.6230, -28.4081, 11.7316

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.6820, -78.2302, 31.8509 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(214, 190, 19)` looks like.

```
.text, #text, p{  
    color:rgb(214, 190, 19)  
}
```

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(214, 190, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 190, 19) }
```

Border

The CSS property to change the border of an element to YUV 177.6820, -78.2302, 31.8509 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(214, 190, 19) }
```


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

```
.border{ border-color:rgb(214, 190, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 190, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 190, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 190, 19);  
box-shadow:4px 4px 4px 4px rgb(214, 190,  
19) }
```

Background

The CSS property to change the background color of an element to YUV 177.6820, -78.2302, 31.8509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 190, 19) }
```

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

```
.background{ background-color: rgb(214,  
190, 19) }
```

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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