

Converting Colors

YUV(174.8960, -86.2237,
29.0322)

Have a look what the booklet for
YUV(174.8960, -86.2237, 29.0322)
contains.

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Color

**YUV(174.8960, -86.2237,
29.0322)**

Conversions

Conversions Part 1

Format	Color
Hex	D0C000
RGB	208, 192, 0
RGB Percent	82%, 75%, 0%
CMY	0.1843, 0.2471, 1.0000
CMYK	0.00, 0.08, 1.00, 0.18
HSL	55°, 100%, 41%
HSV	55°, 100%, 82%
XYZ	44.8621, 51.1092, 7.5006
YIQ	174.8960, 71.1680, -56.3200

Conversions

Conversions Part 2

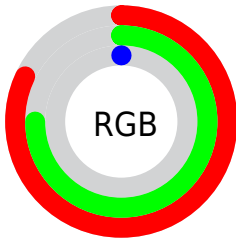
Format	Color
R _Y B	17, 208, 0
Decimal	13680640
CIE Lab	76.75, -10.46, 77.92
CIE LCh	77, 78.618, 97.649
Yxy	51.1092, 0.4336, 0.4939
Android (android.graphics.Color)	4291870720 (0xFFD0C000)
YUV	174.8960, -86.2237, 29.0322
Hunter-Lab	71.4907, -13.0958, 43.8230

Details

The YUV color **174.8960, -86.2237, 29.0322** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **33.1040, 86.2237, -29.0322**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.2830, -73.1035, 20.7998**, and **126.1440, -62.1890, 20.0447** is the 20% darker color. If you saturate the color by 10%, you get **174.8960, -86.2237, 29.0322**, and if you desaturate by 10%, it is **178.4640, -77.6298, 25.9031**.

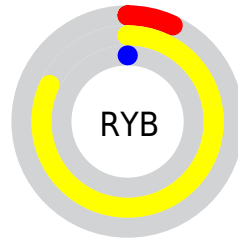
Distribution



Red (82%)

Green (75%)

Blue (0%)



Red (7%)

Yellow (82%)

Blue (0%)

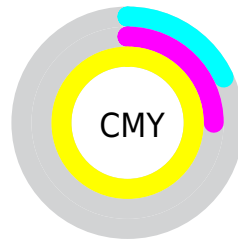


Cyan (0%)

Magenta (8%)

Yellow (100%)

Black (18%)



Cyan (18%)

Magenta (25%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.8960, -86.2237, 29.0322 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 174.8960, -86.2237, 29.0322 by changing the saturation by 10% instead.

■ 174.8960,
-86.2237, 29.0322

■ 174.8960,
-86.2237, 29.0322

■ 255.0000, 0.0000,
0.0000

■ 150.0770,
-73.9880, 24.4885

■ 231.2830,
-73.1035, 20.7998

■ 126.1440,
-62.1890, 20.0447

■ 238.6980,
-62.4621, 14.2969

■ 102.7980,
-50.6794, 15.0862

■ 241.8900,
-50.2318, 11.4975

■ 80.3380, -39.6066,
10.2276

■ 245.1960,
-37.5646, 8.5981

■ 58.1770, -28.6813,
5.9838

■ 248.5020,
-24.8975, 5.6987

■ 38.0760, -18.7715,
0.8103

■ 251.9220,

■ 17.9640, -8.8563,

-11.7935, 2.6994

-6.1074

■ 0.0000, 0.0000,
0.0000

■ 174.8960,
-86.2237, 29.0322

■ 178.4640,
-77.6298, 25.9031

■ 181.4450,
-68.7464, 23.2887

■ 184.8990,
-60.5892, 20.2596

■ 187.8800,
-51.7058, 17.6452

■ 191.4480,
-43.1119, 14.5161

■ 195.0160,
-34.5179, 11.3870

■ 197.9970,
-25.6345, 8.7726

■ 201.4510,
-17.4773, 5.7435

■ 204.4320, -8.5940,
3.1291

Harmonies

Analogous

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



178.1160, -66.1192, 67.4273



174.8960, -86.2237, 29.0322



169.2080, -52.8535, -34.3854

Triad

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



174.8960, -86.2237, 29.0322



158.7970, 47.4281, -139.2650



180.0120, 32.5321, 65.7645

Complementary

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



174.8960, -86.2237, 29.0322



33.1040, 86.2237, -29.0322

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.



188.4490, 32.8096, 23.2852



174.8960, -86.2237, 29.0322



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.



174.8960, -86.2237, 29.0322



154.4990, 25.8830, -135.4956



144.4650, 54.4938, -118.8028



164.1730, 4.8447, 79.6553

Rectangle

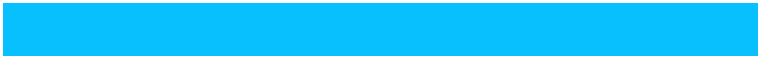
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



174.8960, -86.2237, 29.0322



149.7430, -21.0723, -101.5066



144.4650, 54.4938, -118.8028



186.9080, 33.5694, 59.7167

Sweetspot

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



174.8960, -86.2237, 29.0322



242.8140, -31.4603, 10.6871



64.1300, -23.2351, 126.1740



120.4080, -18.9351, 6.6582



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.



174.8960, -86.2237, 29.0322



214.1900, -105.5957, 35.7904



158.2750, -78.0296, -32.6902



103.1590, -4.5154, 1.6146



141.2170, -69.6200, 23.4887



34.5650, -17.0405, 5.6435

Inverse Universe

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



33.1040, 86.2237, -29.0322



40.8100, 105.5957, -35.7904



49.7250, 78.0296, 32.6902



95.8410, 4.5154, -1.6146



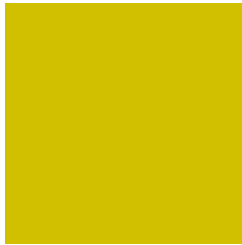
26.7830, 69.6200, -23.4887



6.4350, 17.0405, -5.6435

Previews

White Background



This preview shows how the YUV color 174.8960, -86.2237, 29.0322 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 174.8960, -86.2237, 29.0322 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 174.8960, -86.2237, 29.0322

Background



This preview shows how black text looks on a background with the YUV color 174.8960, -86.2237, 29.0322.

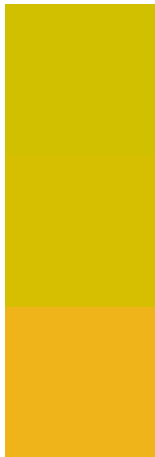


This preview shows how white text looks on a background with the YUV color 174.8960, -86.2237, 29.0322.

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

174.8960, -86.2237, 29.0322

Protanopia

175.5160, -86.5294, 33.7505

Deuteranopia

180.0850, -75.9639, 51.6685



Tritanopia

192.1540, -0.0759, 24.4209

Trichromacy



Original Color

174.8960, -86.2237, 29.0322

Protanomaly

175.5050, -86.5240, 32.0061

Deuteranomaly

178.1180, -79.4312, 43.7465

Tritanomaly

185.9130, -31.5091, 26.3863

Monochromacy



Original Color

174.8960, -86.2237, 29.0322

Achromatopsia

175.0000, 0.0000, 0.0000

Achromatomaly

174.8140, -31.4603, 10.6871

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.8960, -86.2237, 29.0322 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(208, 192, 0)` looks like.

```
.text, #text, p{  
    color:rgb(208, 192, 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(208, 192, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 192, 0) }
```

Border

The CSS property to change the border of an element to YUV 174.8960, -86.2237, 29.0322 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(208, 192, 0) }
```


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

```
.border{ border-color:rgb(208, 192, 0) }
```

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

Here you see how a box with a 4 pixel rgb(208, 192, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 192, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 192, 0);  
box-shadow:4px 4px 4px 4px rgb(208, 192,  
0) }
```

Background

The CSS property to change the background color of an element to YUV 174.8960, -86.2237, 29.0322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 192, 0) }
```

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

```
.background{ background-color: rgb(208,  
192, 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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