

Converting Colors

YUV(172.2490, -84.9188,
30.4766)

Have a look what the booklet for
YUV(172.2490, -84.9188, 30.4766)
contains.

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Color

**YUV(172.2490, -84.9188,
30.4766)**

Conversions

Conversions Part 1

Format	Color
Hex	CFBC00
RGB	207, 188, 0
RGB Percent	81%, 74%, 0%
CMY	0.1882, 0.2627, 1.0000
CMYK	0.00, 0.09, 1.00, 0.19
HSL	54°, 100%, 41%
HSV	54°, 100%, 81%
XYZ	43.7153, 49.2318, 7.1987
YIQ	172.2490, 71.6720, -54.4400

Conversions

Conversions Part 2

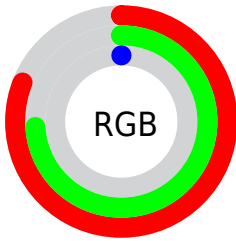
Format	Color
RYB	21, 207, 0
Decimal	13614080
CIELab	75.60, -8.85, 77.05
CIELCh	76, 77.559, 96.555
Yxy	49.2318, 0.4365, 0.4916
Android (android.graphics.Color)	4291804160 (0xFFCFBC00)
YUV	172.2490, -84.9188, 30.4766
Hunter-Lab	70.1654, -11.5781, 43.0329

Details

The YUV color **172.2490, -84.9188, 30.4766** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as dark washed orange. A complement of this color would be **34.7510, 84.9188, -30.4766**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.8210, -72.3828, 22.9590**, and **123.4970, -60.8840, 21.4891** is the 20% darker color. If you saturate the color by 10%, you get **172.2490, -84.9188, 30.4766**, and if you desaturate by 10%, it is **175.8170, -76.3248, 27.3475**.

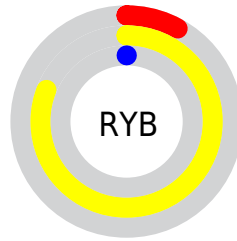
Distribution



Red (81%)

Green (74%)

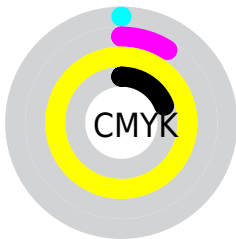
Blue (0%)



Red (8%)

Yellow (81%)

Blue (0%)

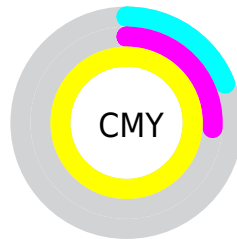


Cyan (0%)

Magenta (9%)

Yellow (100%)

Black (19%)



Cyan (19%)

Magenta (26%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.2490, -84.9188, 30.4766 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 172.2490, -84.9188, 30.4766 by changing the saturation by 10% instead.

■ 172.2490,
-84.9188, 30.4766

■ 172.2490,
-84.9188, 30.4766

■ 255.0000, 0.0000,
0.0000

■ 147.4300,
-72.6830, 25.9329

■ 228.8210,
-72.3828, 22.9590

■ 123.4970,
-60.8840, 21.4891

■ 238.5840,
-62.8989, 14.3968

■ 100.1510,
-49.3744, 16.5306

■ 241.7760,
-50.6686, 11.5974

■ 77.6910, -38.3017,
11.6720

■ 245.0820,
-38.0014, 8.6981

■ 56.1170, -27.6657,
6.9134

■ 248.3880,
-25.3343, 5.7987

■ 36.0160, -17.7559,
1.7400

■ 251.6940,

■ 15.3060, -7.5459,

-12.6671, 2.8994

-6.4074

■ 0.0000, 0.0000,
0.0000

■ 172.2490,
-84.9188, 30.4766

■ 175.8170,
-76.3248, 27.3475

■ 179.2710,
-68.1676, 24.3183

■ 182.8390,
-59.5736, 21.1892

■ 186.4070,
-50.9797, 18.0601

■ 189.9750,
-42.3857, 14.9309

■ 192.8420,
-33.9391, 12.4166

■ 196.4100,
-25.3451, 9.2874

■ 199.9780,
-16.7512, 6.1583

■ 203.4320, -8.5940,
3.1291

Harmonies

Analogous

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



176.4690, -64.8142, 68.8717



172.2490, -84.9188, 30.4766



166.8170, -53.1538, -31.4115

Triad

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



172.2490, -84.9188, 30.4766



157.0360, 48.2963, -137.7206



179.3110, 32.3847, 66.3793

Complementary

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



172.2490, -84.9188, 30.4766



34.7510, 84.9188, -30.4766

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.



185.1820, 34.4203, 20.0114



172.2490, -84.9188, 30.4766



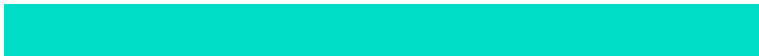
151.7530, 50.9008, -133.0874

Square

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



172.2490, -84.9188, 30.4766



151.9400, 23.6936, -133.2514



140.6000, 56.3992, -123.3062



162.9990, 5.4235, 80.6849

Rectangle

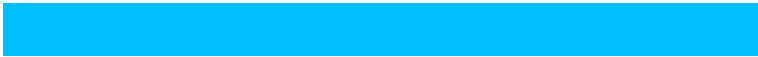
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



172.2490, -84.9188, 30.4766



150.2280, -23.2834, -92.2850



140.6000, 56.3992, -123.3062



186.3210, 33.8587, 60.2315

Sweetspot

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



172.2490, -84.9188, 30.4766



242.2270, -31.1709, 11.2019



64.2870, -21.3405, 125.1593



119.8210, -18.6458, 7.1730



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.



172.2490, -84.9188, 30.4766



212.4290, -104.7275, 37.3348



158.5850, -78.1824, -30.3310



103.1590, -4.5154, 1.6146



140.0430, -69.0412, 24.5183



33.9780, -16.7512, 6.1583

Inverse Universe

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



34.7510, 84.9188, -30.4766



42.5710, 104.7275, -37.3348



48.4150, 78.1824, 30.3310



95.8410, 4.5154, -1.6146



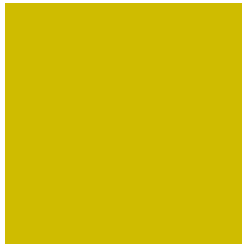
27.9570, 69.0412, -24.5183



7.0220, 16.7512, -6.1583

Previews

White Background



This preview shows how the YUV color 172.2490, -84.9188, 30.4766 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 172.2490, -84.9188, 30.4766 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 172.2490, -84.9188, 30.4766

Background



This preview shows how black text looks on a background with the YUV color 172.2490, -84.9188, 30.4766.



This preview shows how white text looks on a background with the YUV color 172.2490, -84.9188, 30.4766.

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



Protanopia

172.5590, -85.0716, 32.8358

Deuteranopia

177.0140, -74.9429, 50.8537

Tritanopia

189.3390, -0.6601, 25.1357

Trichromacy



Protanomaly

172.2600, -84.9242, 32.2210

Deuteranomaly

175.3460, -78.5576, 43.5466

Tritanomaly

183.3260, -31.2197, 26.9011

Monochromacy



Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

172.2270, -31.1709, 11.2019

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.2490, -84.9188, 30.4766 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(207, 188, 0)` looks like.

```
.text, #text, p{  
    color:rgb(207, 188, 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(207, 188, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 188, 0) }
```

Border

The CSS property to change the border of an element to YUV 172.2490, -84.9188, 30.4766 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(207, 188, 0) }
```

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

```
.border{ border-color:rgb(207, 188, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 188, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 188, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 188, 0);  
box-shadow:4px 4px 4px 4px rgb(207, 188,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 172.2490, -84.9188, 30.4766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 188, 0) }
```

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

```
.background{ background-color: rgb(207,  
188, 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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