

Converting Colors

YUV(185.7120, -50.1440,
30.0706)

Have a look what the booklet for
YUV(185.7120, -50.1440, 30.0706)
contains.

YUV(185.7120, -50.1440, 30.0706)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(185.7120, -50.1440,
30.0706)**

Conversions

Conversions Part 1

Format	Color
Hex	DCBC54
RGB	220, 188, 84
RGB Percent	86%, 74%, 33%
CMY	0.1373, 0.2627, 0.6706
CMYK	0.00, 0.15, 0.62, 0.14
HSL	46°, 66%, 60%
HSV	46°, 62%, 86%
XYZ	49.0987, 51.8222, 15.8024
YIQ	185.7120, 52.4560, -25.5600

Conversions

Conversions Part 2

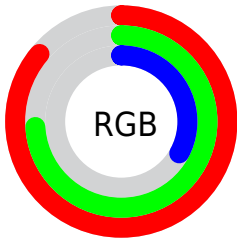
Format	Color
RYB	126, 220, 84
Decimal	14466132
CIELab	77.17, -0.43, 55.54
CIELCh	77, 55.543, 90.440
Yxy	51.8222, 0.4206, 0.4440
Android (android.graphics.Color)	4292656212 (0xFFDCBC54)
YUV	185.7120, -50.1440, 30.0706
Hunter-Lab	71.9876, -4.2337, 37.3763

Details

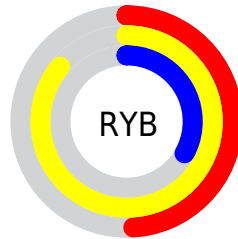
The YUV color **185.7120, -50.1440, 30.0706** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **118.2880, 50.1440, -30.0706**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.0910, -48.3589, 17.4602**, and **131.1030, -49.8438, 27.0967** is the 20% darker color. If you saturate the color by 10%, you get **180.2690, -58.3066, 34.8441**, and if you desaturate by 10%, it is **191.1550, -41.9814, 25.2971**.

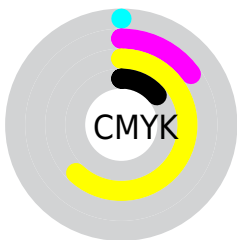
Distribution



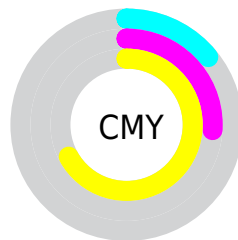
- Red (86%)
- Green (74%)
- Blue (33%)



- Red (49%)
- Yellow (86%)
- Blue (33%)



- Cyan (0%)
- Magenta (15%)
- Yellow (62%)
- Black (14%)



- Cyan (14%)
- Magenta (26%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 185.7120, -50.1440, 30.0706 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 185.7120, -50.1440, 30.0706 by changing the saturation by 10% instead.

■ 185.7120,
-50.1440, 30.0706

■ 185.7120,
-50.1440, 30.0706

■ 255.0000, 0.0000,
0.0000

■ 158.2280,
-49.4124, 28.7410

■ 235.0910,
-48.3589, 17.4602

■ 131.1030,
-49.8438, 27.0967

■ 244.7400,
-39.3118, 8.9980

■ 104.6360,
-51.5855, 25.7522

■ 247.8180,
-27.5183, 6.2986

■ 82.1760, -40.5128,
20.8936

■ 251.1240,
-14.8511, 3.3993

■ 60.6020, -29.8768,
16.1350

■ 254.4300, -2.1840,
0.4999

■ 39.9140, -19.6776,
11.4764

■ 20.6990, -10.2046,

6.4030

■ 0.0000, 0.0000,
0.0000

■ 185.7120,
-50.1440, 30.0706

■ 185.7120,
-50.1440, 30.0706

■ 180.2690,
-58.3066, 34.8441

■ 191.1550,
-41.9814, 25.2971

■ 174.8260,
-66.4692, 39.6176

■ 196.5980,
-33.8188, 20.5236

■ 168.7960,
-74.3424, 44.9059

■ 202.6280,
-25.9456, 15.2352

■ 164.3960,
-81.0472, 48.7647

■ 208.0710,
-17.7830, 10.4617

■ 213.5140, -9.6204,
5.6882

■ 218.9570, -1.4578,
0.9147

■ 224.4000, 6.7048,
-3.8588

■ 229.2730, 12.6834,
-8.1324

■ 232.7950, 10.9471,
-11.2212

Harmonies

Analogous

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



187.0760, -41.9425, 59.5693



185.7120, -50.1440, 30.0706



180.5650, -40.7045, -11.0195

Triad

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



185.7120, -50.1440, 30.0706



154.2660, 42.7599, -135.2913



195.9920, 22.6819, 51.7500

Complementary

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



185.7120, -50.1440, 30.0706



118.2880, 50.1440, -30.0706

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.



191.2740, 31.4169, 3.2677



185.7120, -50.1440, 30.0706



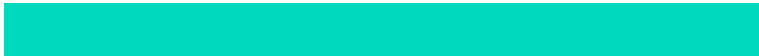
151.7530, 50.9008, -133.0874

Square

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



185.7120, -50.1440, 30.0706



149.0390, 20.1938, -130.7072



173.1250, 40.3644, -66.7616



184.4220, 3.7360, 61.8969

Rectangle

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



185.7120, -50.1440, 30.0706



174.9660, -25.6192, -42.9432



173.1250, 40.3644, -66.7616



195.9130, 29.1299, 36.9103

Sweetspot

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



185.7120, -50.1440, 30.0706



243.0710, -17.7830, 10.4617



128.5400, -5.1962, 80.2104



120.4710, -11.0782, 6.6029



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.



185.7120, -50.1440, 30.0706



207.6260, -69.8216, 41.5470



194.3300, -54.3927, -7.3054



106.9850, -3.9366, 2.6442



129.7980, -63.9904, 37.8882



34.2990, -16.9094, 10.2618

Inverse Universe

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



118.2880, 50.1440, -30.0706



113.9610, 69.5322, -42.0618



109.6700, 54.3927, 7.3054



101.4280, 4.2260, -2.1294



43.7890, 63.7010, -38.4030



11.7010, 16.9094, -10.2618

Previews

White Background



This preview shows how the YUV color 185.7120, -50.1440, 30.0706 looks on a white background.

Color Contrast Check

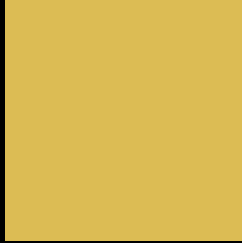
Large Text (above 18pt) WCAG AA × Fail

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 185.7120, -50.1440, 30.0706 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 185.7120, -50.1440, 30.0706

Background



This preview shows how black text looks on a background with the YUV color 185.7120, -50.1440, 30.0706.

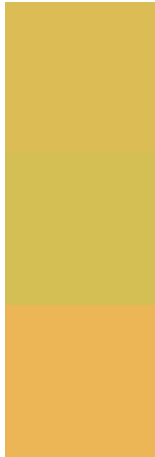


This preview shows how white text looks on a background with the YUV color 185.7120, -50.1440, 30.0706.

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

185.7120, -50.1440, 30.0706

Protanopia

185.1950, -49.3961, 23.5080

Deuteranopia

186.6150, -49.6032, 43.3106



Tritanopia

194.0300, -1.9868, 30.6687

Trichromacy



Original Color

185.7120, -50.1440, 30.0706

Protanomaly

185.5050, -49.5490, 25.8671

Deuteranomaly

186.4680, -50.0237, 38.1776

Tritanomaly

191.0350, -19.7373, 30.6643

Monochromacy



Original Color

185.7120, -50.1440, 30.0706

Achromatopsia

186.0000, 0.0000, 0.0000

Achromatomaly

185.9570, -18.2198, 10.5617

CSS Examples

Text

The CSS property to change the color of the text to YUV 185.7120, -50.1440, 30.0706 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(220, 188, 84)` looks like.

```
.text, #text, p{  
    color:rgb(220, 188, 84)  
}
```

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(220, 188, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 188, 84) }
```

Border

The CSS property to change the border of an element to YUV 185.7120, -50.1440, 30.0706 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(220, 188, 84) }
```


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

```
.border{ border-color:rgb(220, 188, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 188, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 188, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 188, 84);  
box-shadow:4px 4px 4px 4px rgb(220, 188,  
84) }
```

Background

The CSS property to change the background color of an element to YUV 185.7120, -50.1440, 30.0706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 188, 84) }
```

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

```
.background{ background-color: rgb(220,  
188, 84) }
```

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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