

Converting Colors

YUV(185.1710, -39.5243,
30.5450)

Have a look what the booklet for
YUV(185.1710, -39.5243, 30.5450)
contains.

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Color

**YUV(185.1710, -39.5243,
30.5450)**

Conversions

Conversions Part 1

Format	Color
Hex	DCB769
RGB	220, 183, 105
RGB Percent	86%, 72%, 41%
CMY	0.1373, 0.2824, 0.5882
CMYK	0.00, 0.17, 0.52, 0.14
HSL	41°, 62%, 64%
HSV	41°, 52%, 86%
XYZ	48.9985, 50.1025, 20.4529
YIQ	185.1710, 47.0900, -16.4140

Conversions

Conversions Part 2

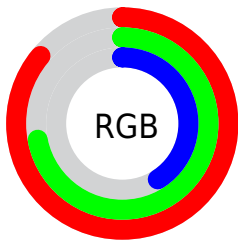
Format	Color
RYB	160, 220, 105
Decimal	14464873
CIELab	76.13, 3.79, 44.31
CIELCh	76, 44.469, 85.107
Yxy	50.1025, 0.4098, 0.4191
Android (android.graphics.Color)	4292654953 (0xFFDCB769)
YUV	185.1710, -39.5243, 30.5450
Hunter-Lab	70.7831, -0.3068, 32.4163

Details

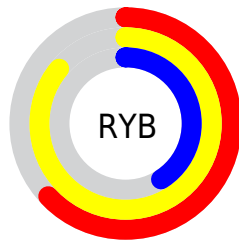
The YUV color **185.1710, -39.5243, 30.5450** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **139.8290, 39.5243, -30.5450**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.5500, -37.7391, 17.9347**, and **131.0180, -37.4769, 27.1712** is the 20% darker color. If you saturate the color by 10%, you get **178.5540, -47.1081, 36.3481**, and if you desaturate by 10%, it is **191.7880, -31.9405, 24.7419**.

Distribution



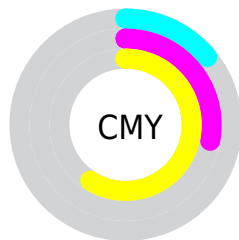
- Red (86%)
- Green (72%)
- Blue (41%)



- Red (63%)
- Yellow (86%)
- Blue (41%)



- Cyan (0%)
- Magenta (17%)
- Yellow (52%)
- Black (14%)



- Cyan (14%)
- Magenta (28%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 185.1710, -39.5243, 30.5450 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 185.1710, -39.5243, 30.5450 by changing the saturation by 10% instead.

■ 185.1710,
-39.5243, 30.5450

■ 185.1710,
-39.5243, 30.5450

■ 255.0000, 0.0000,
0.0000

■ 157.8010,
-38.3559, 29.1155

■ 234.5500,
-37.7391, 17.9347

■ 131.0180,
-37.4769, 27.1712

■ 247.0200,
-30.5759, 6.9985

■ 105.4200,
-37.1821, 25.9417

■ 250.2120,
-18.3455, 4.1991

■ 79.6540, -38.7764,
23.9824

■ 253.5180, -5.6784,
1.2997

■ 58.2650, -28.7246,
19.9386

■ 38.1640, -18.8149,
14.7652

■ 19.2480, -9.4893,

10.3065

■ 0.0000, 0.0000,
0.0000

■ 185.1710,
-39.5243, 30.5450

■ 185.1710,
-39.5243, 30.5450

■ 178.5540,
-47.1081, 36.3481

■ 191.7880,
-31.9405, 24.7419

■ 171.9370,
-54.6919, 42.1513

■ 198.4050,
-24.3567, 18.9388

■ 165.3200,
-62.2758, 47.9544

■ 205.0220,
-16.7728, 13.1357

■ 158.7030,
-69.8596, 53.7575

■ 211.6390, -9.1890,
7.3326

■ 153.2430,
-75.5488, 58.5459

■ 218.2560, -1.6052,
1.5295

■ 224.8730, 5.9786,
-4.2736

■ 231.6210, 11.5258,
-10.1916

■ 235.7300, 9.5001,
-13.7952

■ 239.8390, 7.4744,
-17.3988

Harmonies

Analogous

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



188.1600, -32.6169, 55.1107



185.1710, -39.5243, 30.5450



181.3410, -34.1851, -2.0531

Triad

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



185.1710, -39.5243, 30.5450



147.8770, 36.0496, -129.6881



193.3120, 20.5522, 34.8064

Complementary

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



185.1710, -39.5243, 30.5450



139.8290, 39.5243, -30.5450

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.



189.1480, 32.4650, -6.2688



185.1710, -39.5243, 30.5450



148.7040, 51.9109, -130.4134

Square

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



185.1710, -39.5243, 30.5450



163.7200, 7.5330, -83.0694



176.1370, 38.8795, -57.1251



190.1610, 2.8786, 56.8638

Rectangle

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



185.1710, -39.5243, 30.5450



177.1190, -24.2157, -26.4144



176.1370, 38.8795, -57.1251



192.4290, 26.4105, 22.4258

Sweetspot

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



185.1710, -39.5243, 30.5450



242.6950, -14.1466, 10.7915



143.7170, -0.3535, 66.9002



120.4540, -8.6048, 6.6178



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.



185.1710, -39.5243, 30.5450



206.1220, -55.2761, 42.8660



201.2090, -47.4310, -0.1833



106.3980, -3.6472, 3.1590



120.9930, -59.6495, 45.6101



31.9510, -15.7518, 12.3210

Inverse Universe

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



139.8290, 39.5243, -30.5450



142.8780, 55.2761, -42.8660



123.7910, 47.4310, 0.1833



102.0150, 3.9366, -2.6442



52.5940, 59.3602, -46.1249



14.0490, 15.7518, -12.3210

Previews

White Background



This preview shows how the YUV color 185.1710, -39.5243, 30.5450 looks on a white background.

Color Contrast Check

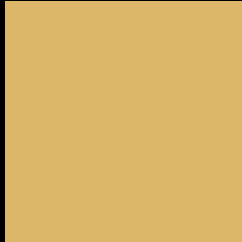
Large Text (above 18pt) WCAG AA × Fail

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 185.1710, -39.5243, 30.5450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

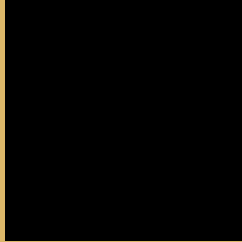
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 185.1710, -39.5243, 30.5450

Background



This preview shows how black text looks on a background with the YUV color 185.1710, -39.5243, 30.5450.



This preview shows how white text looks on a background with the YUV color 185.1710, -39.5243, 30.5450.

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

185.1710, -39.5243, 30.5450

Protanopia

184.1480, -38.0340, 19.1642

Deuteranopia

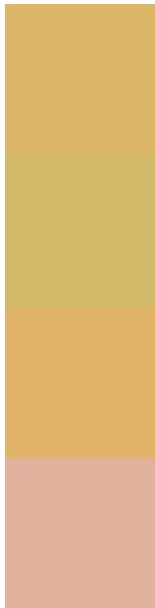
185.6280, -39.2566, 38.0372



Tritanopia

190.7420, -1.8448, 31.7983

Trichromacy



Original Color

185.1710, -39.5243, 30.5450

Protanomaly

184.3550, -38.6290, 23.3677

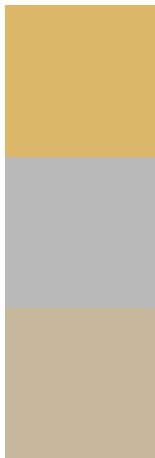
Deuteranomaly

185.3180, -39.1038, 35.6781

Tritanomaly

188.7730, -15.6641, 30.8941

Monochromacy



Original Color

185.1710, -39.5243, 30.5450

Achromatopsia

185.0000, 0.0000, 0.0000

Achromatomaly

184.9940, -14.2940, 11.4063

CSS Examples

Text

The CSS property to change the color of the text to YUV 185.1710, -39.5243, 30.5450 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, 183, 105)` looks like.

```
.text, #text, p{  
    color:rgb(220, 183, 105)  
}
```

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, 183, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 183, 105) }
```

Border

The CSS property to change the border of an element to YUV 185.1710, -39.5243, 30.5450 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, 183, 105) }
```


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

```
.border{ border-color:rgb(220, 183, 105) }
```

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

Here you see how a box with a 4 pixel rgb(220, 183, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 183, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 183, 105);  
box-shadow:4px 4px 4px 4px rgb(220, 183,  
105) }
```

Background

The CSS property to change the background color of an element to YUV 185.1710, -39.5243, 30.5450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 183, 105) }
```

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

```
.background{ background-color: rgb(220,  
183, 105) }
```

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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