

Converting Colors

YUV(135.6950, -57.5306,
66.0425)

Have a look what the booklet for
YUV(135.6950, -57.5306, 66.0425)
contains.

YUV(135.6950, -57.5306, 66.0425)	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(135.6950, -57.5306,
66.0425)**

Conversions

Conversions Part 1

Format	Color
Hex	D37813
RGB	211, 120, 19
RGB Percent	83%, 47%, 7%
CMY	0.1725, 0.5294, 0.9255
CMYK	0.00, 0.43, 0.91, 0.17
HSL	32°, 83%, 45%
HSV	32°, 91%, 83%
XYZ	33.6980, 27.3288, 4.1150
YIQ	135.6950, 86.6570, -12.1190

Conversions

Conversions Part 2

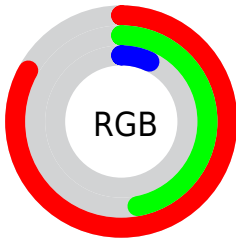
Format	Color
R_{YB}	192, 211, 19
Decimal	13858835
CIE _{Lab}	59.28, 29.41, 62.67
CIE _{LCh}	59, 69.229, 64.861
Yxy	27.3288, 0.5173, 0.4195
Android (android.graphics.Color)	4292048915 (0xFFD37813)
YUV	135.6950, -57.5306, 66.0425
Hunter-Lab	52.2770, 23.5771, 31.9269

Details

The YUV color **135.6950, -57.5306, 66.0425** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **94.3050, 57.5306, -66.0425**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.5740, -54.0200, 60.0096**, and **85.9400, -42.3684, 56.1806** is the 20% darker color. If you saturate the color by 10%, you get **128.2460, -63.2253, 72.5753**, and if you desaturate by 10%, it is **143.9590, -51.2518, 58.7950**.

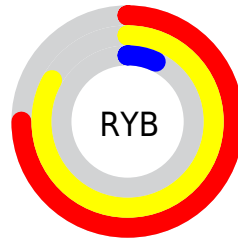
Distribution



Red (83%)

Green (47%)

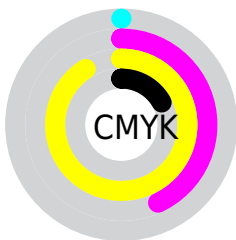
Blue (7%)



Red (75%)

Yellow (83%)

Blue (7%)

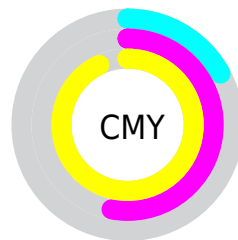


Cyan (0%)

Magenta (43%)

Yellow (91%)

Black (17%)



Cyan (17%)


Magenta (53%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the YUV color 135.6950, -57.5306, 66.0425 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 135.6950, -57.5306, 66.0425 by changing the saturation by 10% instead.


 135.6950,
-57.5306, 66.0425

 135.6950,
-57.5306, 66.0425


255.0000, 0.0000,
0.0000


 109.5850,
-54.0254, 61.7540


 186.5740,
-54.0200, 60.0096

 85.9400, -42.3684,
56.1806


 205.3870,
-50.4768, 43.5106

 63.4690, -31.2902,
49.5777


 225.4880,
-47.0756, 25.8820

 40.7100, -20.0700,
44.1043

 243.9420,
-42.3694, 9.6979

 18.8370, -9.2866,
38.7310

 247.0200,
-30.5759, 6.9985

 12.0740, -5.4595,
24.4911

 250.3260,

 0.0000, 0.0000,

-17.9087, 4.0991

0.0000

253.6320, -5.2416,
1.1997

135.6950,
-57.5306, 66.0425

135.6950,
-57.5306, 66.0425

128.2460,
-63.2253, 72.5753

143.9590,
-51.2518, 58.7950

152.2230,
-44.9729, 51.5474

160.4870,
-38.6941, 44.2999

168.7510,
-32.4152, 37.0524

177.0150,
-26.1364, 29.8048

■ 185.3930,
-19.4207, 22.4573

■ 193.6570,
-13.1419, 15.2098

■ 201.9210, -6.8631,
7.9623

■ 210.1850, -0.5842,
0.7148

Harmonies

Analogous

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



136.0260, -29.0998, 93.8162



135.6950, -57.5306, 66.0425



132.3790, -65.2628, 25.9776

Triad

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



135.6950, -57.5306, 66.0425



117.0040, 16.7600, -102.6125



145.6610, 47.9881, 8.1903

Complementary

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



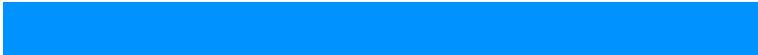
135.6950, -57.5306, 66.0425



94.3050, 57.5306, -66.0425

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.



115.3590, 68.8430, -101.1698



135.6950, -57.5306, 66.0425



123.2570, 43.2573, -108.0964

Square

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



135.6950, -57.5306, 66.0425



108.0610, -9.8901, -94.7695



123.9360, 63.6286, -108.6919



143.0250, 26.1167, 70.1381

Rectangle

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



135.6950, -57.5306, 66.0425



126.8760, -62.5499, -4.2763



123.9360, 63.6286, -108.6919



141.4340, 55.4950, -19.6746

Sweetspot

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



135.6950, -57.5306, 66.0425



227.7630, -20.5892, 23.8868



87.0100, 12.3201, 108.7392



111.5860, -12.1209, 14.3951



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.



135.6950, -57.5306, 66.0425



154.9030, -76.3672, 87.7851



188.2150, -83.4230, 17.3514



100.8110, -3.3578, 3.6738



102.4750, -50.5202, 57.4654



24.5860, -12.1209, 14.3951

Inverse Universe

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



94.3050, 57.5306, -66.0425



100.0970, 76.3672, -87.7851



41.7850, 83.4230, -17.3514



98.1890, 3.3578, -3.6738



66.1120, 50.2308, -57.9802



15.8270, 12.4103, -13.8803

Previews

White Background



This preview shows how the YUV color 135.6950, -57.5306, 66.0425 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 135.6950, -57.5306, 66.0425 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 × Fail

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

YUV 135.6950, -57.5306, 66.0425

Background



This preview shows how black text looks on a background with the YUV color 135.6950, -57.5306, 66.0425.



This preview shows how white text looks on a background with the YUV color 135.6950, -57.5306, 66.0425.

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

135.6950, -57.5306, 66.0425

Protanopia

135.6310, -54.0481, 22.2486

Deuteranopia

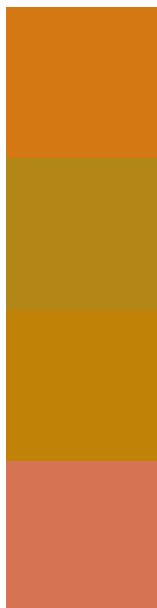
133.9510, -66.0378, 41.2620



Tritanopia

143.7090, -11.6885, 62.5222

Trichromacy



Original Color

135.6950, -57.5306, 66.0425

Protanomaly

135.3880, -55.4073, 38.2477

Deuteranomaly

134.5160, -62.8654, 50.4135

Tritanomaly

140.9530, -28.5708, 64.0622

Monochromacy



Original Color

135.6950, -57.5306, 66.0425

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

135.6490, -21.0260, 23.9868

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.6950, -57.5306, 66.0425 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(211, 120, 19)` looks like.

```
.text, #text, p{  
    color:rgb(211, 120, 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(211, 120, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 120, 19) }
```

Border

The CSS property to change the border of an element to YUV 135.6950, -57.5306, 66.0425 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(211, 120, 19) }
```


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

```
.border{ border-color:rgb(211, 120, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 120, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 120, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 120, 19);  
box-shadow:4px 4px 4px 4px rgb(211, 120,  
19) }
```

Background

The CSS property to change the background color of an element to YUV 135.6950, -57.5306, 66.0425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 120, 19) }
```

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

```
.background{ background-color: rgb(211,  
120, 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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