

Converting Colors

YUV(149.2880, -63.7390,
50.6134)

Have a look what the booklet for
YUV(149.2880, -63.7390, 50.6134)
contains.

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Color

**YUV(149.2880, -63.7390,
50.6134)**

Conversions

Conversions Part 1

Format	Color
Hex	CF9114
RGB	207, 145, 20
RGB Percent	81%, 57%, 8%
CMY	0.1882, 0.4314, 0.9216
CMYK	0.00, 0.30, 0.90, 0.19
HSL	40°, 82%, 45%
HSV	40°, 90%, 81%
XYZ	35.9838, 33.5667, 5.2443
YIQ	149.2880, 77.0770, -25.7310

Conversions

Conversions Part 2

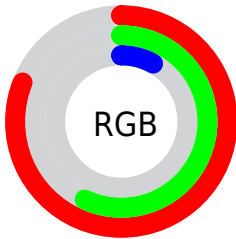
Format	Color
R _Y B	113, 207, 20
Decimal	13603092
CIE Lab	64.62, 14.22, 66.23
CIE LCh	65, 67.737, 77.881
Yxy	33.5667, 0.4811, 0.4488
Android (android.graphics.Color)	4291793172 (0xFFCF9114)
YUV	149.2880, -63.7390, 50.6134
Hunter-Lab	57.9368, 9.4747, 35.1890

Details

The YUV color **149.2880, -63.7390, 50.6134** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **77.7120, 63.7390, -50.6134**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.2920, -59.7970, 46.2249**, and **99.7180, -49.1610, 41.4663** is the 20% darker color. If you saturate the color by 10%, you get **142.8990, -70.4492, 56.2166**, and if you desaturate by 10%, it is **155.7910, -56.5920, 44.9103**.

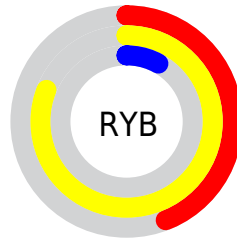
Distribution



Red (81%)

Green (57%)

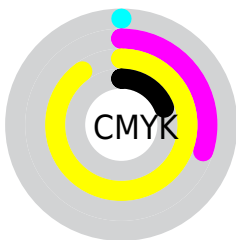
Blue (8%)



Red (44%)

Yellow (81%)

Blue (8%)

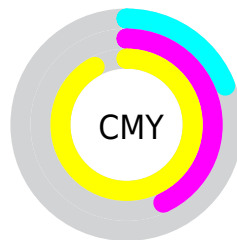


Cyan (0%)

Magenta (30%)

Yellow (90%)

Black (19%)



Cyan (19%)

Magenta (43%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.2880, -63.7390, 50.6134 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 149.2880, -63.7390, 50.6134 by changing the saturation by 10% instead.

■ 149.2880,
-63.7390, 50.6134

■ 149.2880,
-63.7390, 50.6134

■ 255.0000, 0.0000,
0.0000

■ 122.7760,
-60.5286, 47.5544

■ 202.2920,
-59.7970, 46.2249

■ 99.7180, -49.1610,
41.4663

■ 221.8060,
-56.1064, 29.1111

■ 76.9590, -37.9408,
35.9930

■ 241.4340,
-51.9790, 11.8974

■ 55.6730, -27.4468,
30.1048

■ 244.5120,
-40.1854, 9.1980

■ 34.9740, -17.2422,
23.7018

■ 247.8180,
-27.5183, 6.2986

■ 14.2970, -7.0484,
20.7875

■ 251.0100,

■ 0.0000, 0.0000,

-15.2879, 3.4992

0.0000

254.4300, -2.1840,
0.4999

■ 149.2880,
-63.7390, 50.6134

■ 149.2880,
-63.7390, 50.6134

■ 142.8990,
-70.4492, 56.2166

■ 155.7910,
-56.5920, 44.9103

■ 162.1800,
-49.8817, 39.3071

■ 168.6830,
-42.7347, 33.6040

■ 174.5990,
-35.2983, 28.4157

■ 181.1020,
-28.1513, 22.7125

■ 187.4910,
-21.4411, 17.1094

■ 193.9940,
-14.2940, 11.4063

■ 200.4970, -7.1470,
5.7031

■ 206.8860, -0.4368,
0.1000

Harmonies

Analogous

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



152.0450, -41.4342, 83.2755



149.2880, -63.7390, 50.6134



144.3550, -62.2930, 6.7047

Triad

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



149.2880, -63.7390, 50.6134



130.4830, 30.3279, -114.4336



161.3290, 38.2918, 38.2995

Complementary

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



149.2880, -63.7390, 50.6134



77.7120, 63.7390, -50.6134

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.



149.4010, 52.0603, -38.0627



149.2880, -63.7390, 50.6134



134.2910, 55.0725, -117.7732

Square

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



149.2880, -63.7390, 50.6134



122.7140, 3.0990, -107.6202



129.4470, 61.8976, -113.5250



155.3230, 14.1378, 85.6627

Rectangle

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



149.2880, -63.7390, 50.6134



139.9450, -43.8499, -28.8928



129.4470, 61.8976, -113.5250



160.4340, 45.6350, 16.2824

Sweetspot

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



149.2880, -63.7390, 50.6134



233.6330, -23.4831, 18.7389



82.9810, -0.4836, 108.7647



115.1080, -13.8572, 11.3063



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.



149.2880, -63.7390, 50.6134



176.0350, -86.7853, 69.2523



176.4130, -77.1116, -0.3622



101.3980, -3.6472, 3.1590



115.9760, -57.1762, 45.6250



28.1080, -13.8572, 11.3063

Inverse Universe

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



77.7120, 63.7390, -50.6134



78.9650, 86.7853, -69.2523



50.5870, 77.1116, 0.3622



97.6020, 3.6472, -3.1590



52.0240, 57.1762, -45.6250



12.8920, 13.8572, -11.3063

Previews

White Background



This preview shows how the YUV color 149.2880, -63.7390, 50.6134 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 149.2880, -63.7390, 50.6134 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 149.2880, -63.7390, 50.6134

Background



This preview shows how black text looks on a background with the YUV color 149.2880, -63.7390, 50.6134.



This preview shows how white text looks on a background with the YUV color 149.2880, -63.7390, 50.6134.

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

149.2880, -63.7390, 50.6134

Protanopia

148.4050, -61.3317, 25.0778

Deuteranopia

148.7880, -65.4645, 44.0359



Tritanopia

159.4620, -7.1298, 46.9528

Trichromacy



Original Color

149.2880, -63.7390, 50.6134

Protanomaly

148.6450, -61.9430, 34.5143

Deuteranomaly

149.2120, -65.1805, 46.2951

Tritanomaly

156.0820, -27.6484, 48.1631

Monochromacy



Original Color

149.2880, -63.7390, 50.6134

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

149.3340, -23.3357, 18.1241

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.2880, -63.7390, 50.6134 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, 145, 20)` looks like.

```
.text, #text, p{  
    color:rgb(207, 145, 20)  
}
```

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, 145, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 145, 20) }
```

Border

The CSS property to change the border of an element to YUV 149.2880, -63.7390, 50.6134 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, 145, 20) }
```


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

```
.border{ border-color:rgb(207, 145, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 145, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 145, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 145, 20);  
box-shadow:4px 4px 4px 4px rgb(207, 145,  
20) }
```

Background

The CSS property to change the background color of an element to YUV 149.2880, -63.7390, 50.6134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 145, 20) }
```

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

```
.background{ background-color: rgb(207,  
145, 20) }
```

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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