

Converting Colors

YUV(164.3910, -66.7478,
35.6141)

Have a look what the booklet for
YUV(164.3910, -66.7478, 35.6141)
contains.

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Color

**YUV(164.3910, -66.7478,
35.6141)**

Conversions

Conversions Part 1

Format	Color
Hex	CDA A1D
RGB	205, 170, 29
RGB Percent	80%, 67%, 11%
CMY	0.1961, 0.3333, 0.8863
CMYK	0.00, 0.17, 0.86, 0.20
HSL	48°, 75%, 46%
HSV	48°, 86%, 80%
XYZ	39.7733, 41.8173, 7.1377
YIQ	164.3910, 66.1210, -36.4310

Conversions

Conversions Part 2

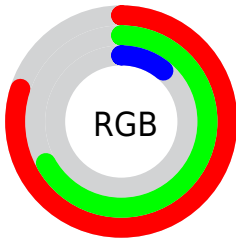
Format	Color
RYB	73, 205, 29
Decimal	13478429
CIELab	70.74, 0.09, 68.92
CIELCh	71, 68.918, 89.929
Yxy	41.8173, 0.4483, 0.4713
Android (android.graphics.Color)	4291668509 (0xFFCDAA1D)
YUV	164.3910, -66.7478, 35.6141
Hunter-Lab	64.6663, -3.3787, 38.7222

Details

The YUV color **164.3910, -66.7478, 35.6141** 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 **69.6090, 66.7478, -35.6141**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.5800, -63.3899, 31.9403**, and **112.9200, -55.6696, 29.0112** is the 20% darker color. If you saturate the color by 10%, you get **159.6490, -74.7630, 39.7728**, and if you desaturate by 10%, it is **169.1330, -58.7326, 31.4554**.

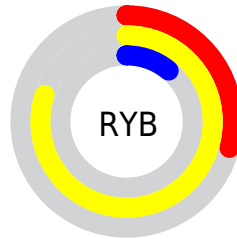
Distribution



Red (80%)

Green (67%)

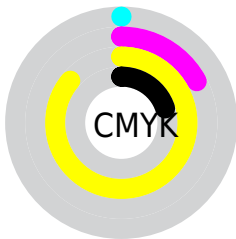
Blue (11%)



Red (29%)

Yellow (80%)

Blue (11%)

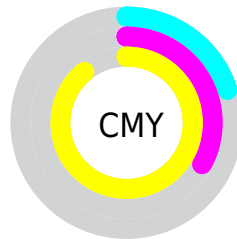


Cyan (0%)

Magenta (17%)

Yellow (86%)

Black (20%)



Cyan (20%)

Magenta (33%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.3910, -66.7478, 35.6141 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 164.3910, -66.7478, 35.6141 by changing the saturation by 10% instead.

■ 164.3910,
-66.7478, 35.6141

■ 164.3910,
-66.7478, 35.6141

■ 255.0000, 0.0000,
0.0000

■ 136.8530,
-67.4685, 33.4549

■ 218.5800,
-63.3899, 31.9403

■ 112.9200,
-55.6696, 29.0112

■ 238.2080,
-59.2625, 14.7266

■ 90.4600, -44.5968,
24.1526

■ 242.4600,
-48.0478, 10.9976

■ 68.5870, -33.8134,
18.7792

■ 245.7660,
-35.3806, 8.0982

■ 47.6000, -23.4668,
13.5058

■ 248.9580,
-23.1503, 5.2988

■ 27.7980, -13.7044,
8.9472

■ 252.2640,

■ 2.9570, -1.4578,

-10.4832, 2.3995

0.9147

■ 0.0000, 0.0000,
0.0000

■ 164.3910,
-66.7478, 35.6141

■ 164.3910,
-66.7478, 35.6141

■ 159.6490,
-74.7630, 39.7728

■ 169.1330,
-58.7326, 31.4554

■ 157.5630,
-77.6786, 41.6022

■ 173.7610,
-51.1542, 27.3966

■ 178.3890,
-43.5758, 23.3378

■ 183.1310,
-35.5606, 19.1791

■ 187.8730,
-27.5454, 15.0204

■ 192.5010,
-19.9670, 10.9616

■ 197.8300,
-12.2412, 6.2881

■ 202.4580, -4.6628,
2.2293

■ 207.2000, 3.3524,
-1.9294

Harmonies

Analogous

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



168.7160, -52.6110, 74.7941



164.3910, -66.7478, 35.6141



158.8560, -52.1870, -14.7827

Triad

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



164.3910, -66.7478, 35.6141



145.2500, 43.7537, -127.3842



176.8930, 29.6328, 62.3608

Complementary

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



164.3910, -66.7478, 35.6141



69.6090, 66.7478, -35.6141

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.



172.0700, 40.8845, -0.0614



164.3910, -66.7478, 35.6141



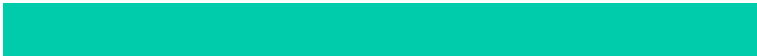
143.5350, 54.9522, -125.8802

Square

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



164.3910, -66.7478, 35.6141



138.6550, 15.9461, -121.6004



134.7300, 59.2931, -118.1582



162.6400, 6.5865, 80.9997

Rectangle

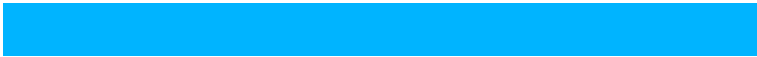
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



164.3910, -66.7478, 35.6141



150.3960, -31.2542, -55.5983



134.7300, 59.2931, -118.1582



178.2480, 37.8387, 43.6325

Sweetspot

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



164.3910, -66.7478, 35.6141



239.8450, -25.0666, 13.2909



85.6140, -10.6557, 104.7015



118.7440, -15.1568, 8.1175



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.



164.3910, -66.7478, 35.6141



195.9930, -96.6245, 51.7491



169.0890, -69.0639, -14.9871



99.6860, -3.7892, 2.0294



127.7050, -62.9586, 33.5847



29.5590, -14.5726, 7.4028

Inverse Universe

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



69.6090, 66.7478, -35.6141



59.0070, 96.6245, -51.7491



64.9110, 69.0639, 14.9871



94.3140, 3.7892, -2.0294



38.2950, 62.9586, -33.5847



9.0280, 14.2832, -7.9176

Previews

White Background



This preview shows how the YUV color 164.3910, -66.7478, 35.6141 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 164.3910, -66.7478, 35.6141 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 164.3910, -66.7478, 35.6141 Background



This preview shows how black text looks on a background with the YUV color 164.3910, -66.7478, 35.6141.



This preview shows how white text looks on a background with the YUV color 164.3910, -66.7478,

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

164.3910, -66.7478, 35.6141

Protanopia

163.8630, -65.9945, 27.3071

Deuteranopia

165.2120, -65.1805, 46.2951



Tritanopia

176.1120, -3.0132, 33.2278

Trichromacy



Original Color

164.3910, -66.7478, 35.6141

Protanomaly

164.4720, -66.2947, 30.2811

Deuteranomaly

164.7770, -65.4591, 42.2916

Tritanomaly

171.7490, -26.0053, 34.4231

Monochromacy



Original Color

164.3910, -66.7478, 35.6141

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

164.0730, -24.1930, 13.0910

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.3910, -66.7478, 35.6141 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(205, 170, 29)` looks like.

```
.text, #text, p{  
    color:rgb(205, 170, 29)  
}
```

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(205, 170, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 170, 29) }
```

Border

The CSS property to change the border of an element to YUV 164.3910, -66.7478, 35.6141 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(205, 170, 29) }
```


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

```
.border{ border-color:rgb(205, 170, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 170, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 170, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 170, 29);  
box-shadow:4px 4px 4px 4px rgb(205, 170,  
29) }
```

Background

The CSS property to change the background color of an element to YUV 164.3910, -66.7478, 35.6141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 170, 29) }
```

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

```
.background{ background-color: rgb(205,  
170, 29) }
```

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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