

Converting Colors

YUV(165.4510, -64.3123,
47.8395)

Have a look what the booklet for
YUV(165.4510, -64.3123, 47.8395)
contains.

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Color

**YUV(165.4510, -64.3123,
47.8395)**

Conversions

Conversions Part 1

Format	Color
Hex	DCA323
RGB	220, 163, 35
RGB Percent	86%, 64%, 14%
CMY	0.1373, 0.3608, 0.8627
CMYK	0.00, 0.26, 0.84, 0.14
HSL	42°, 73%, 50%
HSV	42°, 84%, 86%
XYZ	42.9158, 41.5314, 7.3446
YIQ	165.4510, 75.0600, -27.7240

Conversions

Conversions Part 2

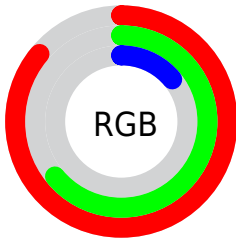
Format	Color
RYB	117, 220, 35
Decimal	14459683
CIELab	70.55, 10.54, 67.80
CIELCh	71, 68.619, 81.164
Yxy	41.5314, 0.4675, 0.4525
Android (android.graphics.Color)	4292649763 (0xFFDCA323)
YUV	165.4510, -64.3123, 47.8395
Hunter-Lab	64.4448, 6.0901, 38.3543

Details

The YUV color **165.4510, -64.3123, 47.8395** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **89.5490, 64.3123, -47.8395**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.8130, -60.0538, 35.2440**, and **113.5840, -55.9969, 40.7068** is the 20% darker color. If you saturate the color by 10%, you get **158.8340, -71.8962, 53.6426**, and if you desaturate by 10%, it is **172.0680, -56.7285, 42.0364**.

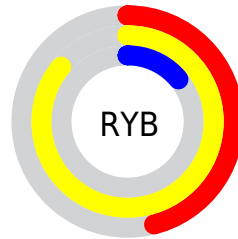
Distribution



Red (86%)

Green (64%)

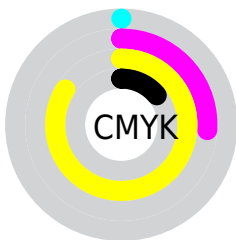
Blue (14%)



Red (46%)

Yellow (86%)

Blue (14%)

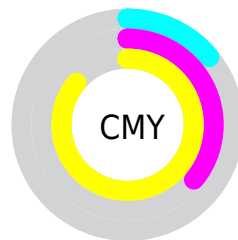


Cyan (0%)

Magenta (26%)

Yellow (84%)

Black (14%)



Cyan (14%)

Magenta (36%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.4510, -64.3123, 47.8395 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 165.4510, -64.3123, 47.8395 by changing the saturation by 10% instead.

■ 165.4510,
-64.3123, 47.8395

■ 165.4510,
-64.3123, 47.8395

■ 255.0000, 0.0000,
0.0000

■ 137.2290,
-67.6539, 46.2802

■ 214.8130,
-60.0538, 35.2440

■ 113.5840,
-55.9969, 40.7068

■ 234.4410,
-55.9264, 18.0302

■ 90.2380, -44.4873,
35.7483

■ 242.8020,
-46.7374, 10.6976

■ 68.0660, -33.5565,
29.7601

■ 245.9940,
-34.5070, 7.8983

■ 47.3670, -23.3519,
23.3571

■ 249.3000,
-21.8399, 4.9989

■ 27.2660, -13.4421,
18.1837

■ 252.6060, -9.1728,

■ 7.1760, -3.5378,

2.0995

14.7546

■ 0.0000, 0.0000,
0.0000

■ 165.4510,
-64.3123, 47.8395

■ 165.4510,
-64.3123, 47.8395

■ 158.8340,
-71.8962, 53.6426

■ 172.0680,
-56.7285, 42.0364

■ 155.0040,
-76.4170, 57.0015

■ 178.6850,
-49.1447, 36.2333

■ 184.7150,
-41.2715, 30.9449

■ 191.3320,
-33.6877, 25.1418

■ 197.9490,
-26.1039, 19.3387

■ 204.5660,
-18.5200, 13.5356

■ 210.5960,
-10.6468, 8.2473

■ 217.2130, -3.0630,
2.4442

■ 223.8300, 4.5208,
-3.3589

Harmonies

Analogous

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



165.9150, -44.3281, 78.1275



165.4510, -64.3123, 47.8395



160.5330, -58.9298, 1.2866

Triad

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



165.4510, -64.3123, 47.8395



143.1980, 35.8914, -125.5846



177.3300, 36.8123, 46.1916

Complementary

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



165.4510, -64.3123, 47.8395



89.5490, 64.3123, -47.8395

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.



166.6000, 43.5812, -25.0822



165.4510, -64.3123, 47.8395



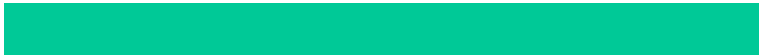
144.7090, 54.3735, -126.9098

Square

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



165.4510, -64.3123, 47.8395



135.2010, 7.7889, -118.5713



137.6650, 57.8462, -120.7322



165.8660, 13.8701, 78.1705

Rectangle

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



165.4510, -64.3123, 47.8395



154.8840, -41.3548, -35.8553



137.6650, 57.8462, -120.7322



176.3660, 38.7666, 25.9890

Sweetspot

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



165.4510, -64.3123, 47.8395



235.9640, -22.1673, 16.6946



97.0410, -1.4992, 107.8350



116.5100, -13.5624, 10.0767



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.



165.4510, -64.3123, 47.8395



179.5570, -88.5216, 66.1635



188.7440, -75.7958, -2.4065



106.3980, -3.6472, 3.1590



122.1670, -60.2283, 44.5805



32.5380, -16.0412, 11.8062

Inverse Universe

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



89.5490, 64.3123, -47.8395



75.4430, 88.5216, -66.1635



66.2560, 75.7958, 2.4065



102.0150, 3.9366, -2.6442



50.8330, 60.2283, -44.5805



13.4620, 16.0412, -11.8062

Previews

White Background



This preview shows how the YUV color 165.4510, -64.3123, 47.8395 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 165.4510, -64.3123, 47.8395 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 165.4510, -64.3123, 47.8395

Background



This preview shows how black text looks on a background with the YUV color 165.4510, -64.3123, 47.8395.



This preview shows how white text looks on a background with the YUV color 165.4510, -64.3123,

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

165.4510, -64.3123, 47.8395

Protanopia

163.8890, -62.0633, 26.4073

Deuteranopia

165.3260, -64.7437, 46.1951



Tritanopia

175.6790, -6.2507, 45.0085

Trichromacy



Original Color

165.4510, -64.3123, 47.8395

Protanomaly

164.1180, -62.6692, 34.0995

Deuteranomaly

165.6250, -64.8911, 46.8099

Tritanomaly

171.7720, -27.4956, 45.8040

Monochromacy



Original Color

165.4510, -64.3123, 47.8395

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

165.0350, -23.1883, 17.5093

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.4510, -64.3123, 47.8395 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, 163, 35)` looks like.

```
.text, #text, p{  
    color:rgb(220, 163, 35)  
}
```

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, 163, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 163, 35) }
```

Border

The CSS property to change the border of an element to YUV 165.4510, -64.3123, 47.8395 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, 163, 35) }
```


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

```
.border{ border-color:rgb(220, 163, 35) }
```

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

Here you see how a box with a 4 pixel rgb(220, 163, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 163, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 163, 35);  
box-shadow:4px 4px 4px 4px rgb(220, 163,  
35) }
```

Background

The CSS property to change the background color of an element to YUV 165.4510, -64.3123, 47.8395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 163, 35) }
```

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

```
.background{ background-color: rgb(220,  
163, 35) }
```

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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