

Converting Colors

YUV(165.6850, -65.9067,
45.8803)

Have a look what the booklet for
YUV(165.6850, -65.9067, 45.8803)
contains.

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Color

**YUV(165.6850, -65.9067,
45.8803)**

Conversions

Conversions Part 1

Format	Color
Hex	DAA520
RGB	218, 165, 32
RGB Percent	85%, 65%, 13%
CMY	0.1451, 0.3529, 0.8745
CMYK	0.00, 0.24, 0.85, 0.15
HSL	43°, 74%, 49%
HSV	43°, 85%, 85%
XYZ	42.6293, 41.9200, 7.2111
YIQ	165.6850, 74.2810, -30.1270

Conversions

Conversions Part 2

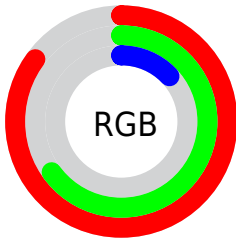
Format	Color
R_{YB}	106, 218, 32
Decimal	14329120
CIE _{Lab}	70.82, 8.52, 68.76
CIE _{LCh}	71, 69.291, 82.933
Yxy	41.9200, 0.4646, 0.4568
Android (android.graphics.Color)	4292519200 (0xFFDAA520)
YUV	165.6850, -65.9067, 45.8803
Hunter-Lab	64.7456, 4.2216, 38.7185

Details

The YUV color **165.6850, -65.9067, 45.8803** is a dark color, and the websafe version is hex **CC9900**, and the color name is **goldenrod**. The color can be described as middle washed orange. A complement of this color would be **84.3150, 65.9067, -45.8803**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.7590, -61.5062, 34.4144**, and **114.1600, -56.2809, 38.4477** is the 20% darker color. If you saturate the color by 10%, you get **159.6550, -73.7799, 51.1686**, and if you desaturate by 10%, it is **171.7150, -58.0335, 40.5919**.

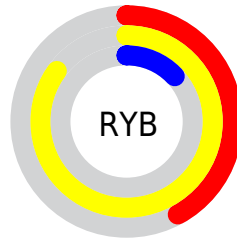
Distribution



Red (85%)

Green (65%)

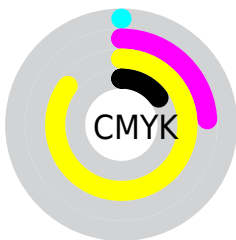
Blue (13%)



Red (42%)

Yellow (85%)

Blue (13%)

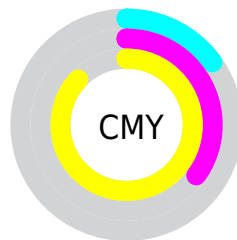


Cyan (0%)

Magenta (24%)

Yellow (85%)

Black (15%)



Cyan (15%)

Magenta (35%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.6850, -65.9067, 45.8803 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 165.6850, -65.9067, 45.8803 by changing the saturation by 10% instead.

■ 165.6850,
-65.9067, 45.8803

■ 165.6850,
-65.9067, 45.8803

■ 255.0000, 0.0000,
0.0000

■ 137.8050,
-67.9379, 44.0210

■ 215.7590,
-61.5062, 34.4144

■ 114.1600,
-56.2809, 38.4477

■ 235.3870,
-57.3788, 17.2006

■ 90.8140, -44.7713,
33.4891

■ 242.6880,
-47.1742, 10.7976

■ 68.6420, -33.8405,
27.5010

■ 245.8800,
-34.9438, 7.9982

■ 47.6550, -23.4939,
22.2276

■ 249.0720,
-22.7135, 5.1989

■ 28.1410, -13.8735,
16.5393

■ 252.3780,

■ 6.5780, -3.2430,

-10.0464, 2.2995

13.5251

■ 0.0000, 0.0000,
0.0000

■ 165.6850,
-65.9067, 45.8803

■ 165.6850,
-65.9067, 45.8803

■ 159.6550,
-73.7799, 51.1686

■ 171.7150,
-58.0335, 40.5919

■ 156.7540,
-77.2797, 53.7127

■ 177.7450,
-50.1603, 35.3036

■ 184.2480,
-43.0133, 29.6005

■ 190.2780,
-35.1401, 24.3122

■ 196.3080,
-27.2668, 19.0239

■ 202.3380,
-19.3936, 13.7356

■ 208.3680,
-11.5204, 8.4473

■ 214.8710, -4.3734,
2.7441

■ 220.9010, 3.4998,
-2.5442

Harmonies

Analogous

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



166.7470, -46.2173, 77.3979



165.6850, -65.9067, 45.8803



160.0380, -58.1927, -1.7873

Triad

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



165.6850, -65.9067, 45.8803



144.3550, 37.7860, -126.5993



178.0100, 35.4911, 49.9802

Complementary

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



165.6850, -65.9067, 45.8803



84.3150, 65.9067, -45.8803

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.



168.4050, 42.6913, -19.6492



165.6850, -65.9067, 45.8803



145.2960, 54.0841, -127.4246

Square

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



165.6850, -65.9067, 45.8803



136.3580, 9.6835, -119.5860



137.6650, 57.8462, -120.7322



164.9370, 12.8491, 78.9853

Rectangle

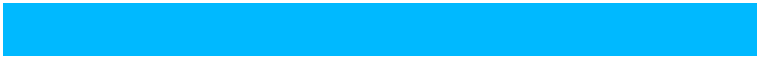
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



165.6850, -65.9067, 45.8803



154.3180, -39.5968, -39.7439



137.6650, 57.8462, -120.7322



176.6870, 38.6083, 30.0925

Sweetspot

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



165.6850, -65.9067, 45.8803



236.3230, -23.3302, 16.3797



93.9980, -2.9570, 108.7498



116.3960, -13.9992, 10.1767



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.



165.6850, -65.9067, 45.8803



183.0790, -90.2579, 63.0747



185.7330, -75.7904, -4.1508



106.9850, -3.9366, 2.6442



124.5150, -61.3859, 42.5213



33.1250, -16.3306, 11.2914

Inverse Universe

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



84.3150, 65.9067, -45.8803



71.9210, 90.2579, -63.0747



64.2670, 75.7904, 4.1508



102.0150, 3.9366, -2.6442



48.4850, 61.3859, -42.5213



12.8750, 16.3306, -11.2914

Previews

White Background



This preview shows how the YUV color 165.6850, -65.9067, 45.8803 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 165.6850, -65.9067, 45.8803 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 165.6850, -65.9067, 45.8803

Background



This preview shows how black text looks on a background with the YUV color 165.6850, -65.9067, 45.8803.



This preview shows how white text looks on a background with the YUV color 165.6850, -65.9067,

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

165.6850, -65.9067, 45.8803

Protanopia

164.3190, -64.2473, 26.9072

Deuteranopia

165.9840, -66.0541, 46.4950



Tritanopia

176.7820, -5.8085, 43.1642

Trichromacy



Original Color

165.6850, -65.9067, 45.8803

Protanomaly

164.8360, -64.9951, 33.4698

Deuteranomaly

165.9840, -66.0541, 46.4950

Tritanomaly

172.7610, -27.4902, 44.0596

Monochromacy



Original Color

165.6850, -65.9067, 45.8803

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

166.0950, -24.2038, 16.5797

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.6850, -65.9067, 45.8803 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(218, 165, 32)` looks like.

```
.text, #text, p{  
    color:rgb(218, 165, 32)  
}
```

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(218, 165, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 165, 32) }
```

Border

The CSS property to change the border of an element to YUV 165.6850, -65.9067, 45.8803 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(218, 165, 32) }
```


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

```
.border{ border-color:rgb(218, 165, 32) }
```

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

Here you see how a box with a 4 pixel rgb(218, 165, 32) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 165, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 165, 32);  
box-shadow:4px 4px 4px 4px rgb(218, 165,  
32) }
```

Background

The CSS property to change the background color of an element to YUV 165.6850, -65.9067, 45.8803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 165, 32) }
```

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

```
.background{ background-color: rgb(218,  
165, 32) }
```

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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