

Converting Colors

YUV(166.1410, -67.6105,
32.3253)

Have a look what the booklet for
YUV(166.1410, -67.6105, 32.3253)
contains.

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Color

**YUV(166.1410, -67.6105,
32.3253)**

Conversions

Conversions Part 1

Format	Color
Hex	CBAE1D
RGB	203, 174, 29
RGB Percent	80%, 68%, 11%
CMY	0.2039, 0.3176, 0.8863
CMYK	0.00, 0.14, 0.86, 0.20
HSL	50°, 75%, 45%
HSV	50°, 86%, 80%
XYZ	39.9864, 43.0573, 7.3658
YIQ	166.1410, 63.8290, -38.9470

Conversions

Conversions Part 2

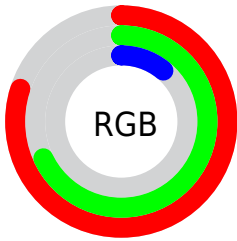
Format	Color
R_{YB}	64, 203, 29
Decimal	13348381
CIE _{Lab}	71.59, -2.91, 69.53
CIE _{LCh}	72, 69.592, 92.395
Yxy	43.0573, 0.4423, 0.4762
Android (android.graphics.Color)	4291538461 (0xFFCBAE1D)
YUV	166.1410, -67.6105, 32.3253
Hunter-Lab	65.6181, -6.0571, 39.2772

Details

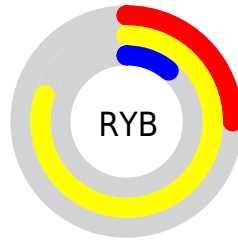
The YUV color **166.1410, -67.6105, 32.3253** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **65.8590, 67.6105, -32.3253**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.9280, -64.5475, 29.8811**, and **114.6700, -56.5323, 25.7224** is the 20% darker color. If you saturate the color by 10%, you get **162.1000, -75.4783, 35.8693**, and if you desaturate by 10%, it is **170.1820, -59.7427, 28.7814**.

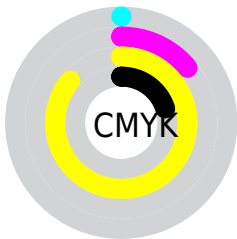
Distribution



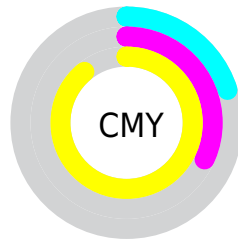
- Red (80%)
- Green (68%)
- Blue (11%)



- Red (25%)
- Yellow (80%)
- Blue (11%)



- Cyan (0%)
- Magenta (14%)
- Yellow (86%)
- Black (20%)



- Cyan (20%)
- Magenta (32%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.1410, -67.6105, 32.3253 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 166.1410, -67.6105, 32.3253 by changing the saturation by 10% instead.

■ 166.1410,
-67.6105, 32.3253

■ 166.1410,
-67.6105, 32.3253

■ 255.0000, 0.0000,
0.0000

■ 138.6030,
-68.3313, 30.1662

■ 220.9280,
-64.5475, 29.8811

■ 114.6700,
-56.5323, 25.7224

■ 239.3820,
-59.8413, 13.6970

■ 92.2100, -45.4595,
20.8638

■ 242.5740,
-47.6110, 10.8976

■ 69.7500, -34.3867,
16.0053

■ 245.7660,
-35.3806, 8.0982

■ 48.7630, -24.0402,
10.7318

■ 249.0720,
-22.7135, 5.1989

■ 28.9610, -14.2778,
6.1732

■ 252.3780,

■ 4.9950, -2.4625,

-10.0464, 2.2995

-3.5036

■ 0.0000, 0.0000,
0.0000

■ 166.1410,
-67.6105, 32.3253

■ 166.1410,
-67.6105, 32.3253

■ 162.1000,
-75.4783, 35.8693

■ 170.1820,
-59.7427, 28.7814

■ 159.9000,
-78.8307, 37.7987

■ 174.9240,
-51.7275, 24.6227

■ 178.9650,
-43.8597, 21.0787

■ 183.5930,
-36.2813, 17.0199

■ 187.7480,
-27.9768, 13.3760

■ 191.7890,
-20.1090, 9.8320

■ 196.4170,
-12.5306, 5.7733

■ 200.4580, -4.6628,
2.2293

■ 204.6130, 3.6418,
-1.4146

Harmonies

Analogous

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



170.4230, -54.9315, 72.4200



166.1410, -67.6105, 32.3253



159.9910, -50.2816, -19.2861

Triad

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



166.1410, -67.6105, 32.3253



147.3360, 46.6694, -129.2137



178.7580, 27.7273, 66.8642

Complementary

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



166.1410, -67.6105, 32.3253



65.8590, 67.6105, -32.3253

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.



175.3590, 39.2630, 6.7012



166.1410, -67.6105, 32.3253



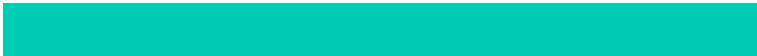
144.7090, 54.3735, -126.9098

Square

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



166.1410, -67.6105, 32.3253



140.7410, 18.8617, -123.4299



135.3170, 59.0037, -118.6730



162.8850, 4.9867, 80.7849

Rectangle

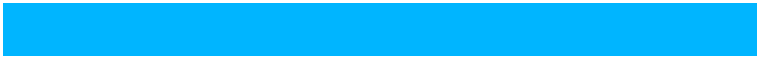
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



166.1410, -67.6105, 32.3253



151.0360, -28.6117, -63.1756



135.3170, 59.0037, -118.6730



179.9390, 36.5121, 49.1655

Sweetspot

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



166.1410, -67.6105, 32.3253



241.0190, -25.6454, 12.2613



84.3320, -12.9817, 104.0718



119.3310, -15.4462, 7.6027



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.



166.1410, -67.6105, 32.3253



201.2760, -99.2291, 47.1159



165.8220, -67.4532, -18.2609



99.6860, -3.7892, 2.0294



130.6400, -64.4055, 31.0107



30.1460, -14.8620, 6.8880

Inverse Universe

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



65.8590, 67.6105, -32.3253



54.3110, 98.9397, -47.6307



66.1780, 67.4532, 18.2609



94.3140, 3.7892, -2.0294



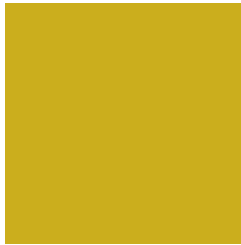
35.3600, 64.4055, -31.0107



7.8540, 14.8620, -6.8880

Previews

White Background



This preview shows how the YUV color 166.1410, -67.6105, 32.3253 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 166.1410, -67.6105, 32.3253 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 166.1410, -67.6105, 32.3253 Background



This preview shows how black text looks on a background with the YUV color 166.1410, -67.6105, 32.3253.

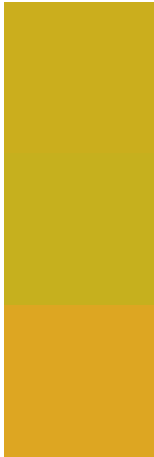


This preview shows how white text looks on a background with the YUV color 166.1410, -67.6105,

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

166.1410, -67.6105, 32.3253

Protanopia

165.9340, -67.0155, 28.1219

Deuteranopia

167.3970, -65.7647, 47.0098



Tritanopia

178.6170, -2.2762, 30.1539

Trichromacy



Original Color

166.1410, -67.6105, 32.3253

Protanomaly

165.9450, -67.0209, 29.8662

Deuteranomaly

166.8370, -66.4746, 41.3620

Tritanomaly

173.7270, -25.9944, 30.9344

Monochromacy



Original Color

166.1410, -67.6105, 32.3253

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

165.9480, -24.6244, 11.4466

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.1410, -67.6105, 32.3253 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(203, 174, 29)` looks like.

```
.text, #text, p{  
    color:rgb(203, 174, 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(203, 174, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 174, 29) }
```

Border

The CSS property to change the border of an element to YUV 166.1410, -67.6105, 32.3253 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(203, 174, 29) }
```


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

```
.border{ border-color:rgb(203, 174, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 174, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 174, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 174, 29);  
box-shadow:4px 4px 4px 4px rgb(203, 174,  
29) }
```

Background

The CSS property to change the background color of an element to YUV 166.1410, -67.6105, 32.3253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 174, 29) }
```

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

```
.background{ background-color: rgb(203,  
174, 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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