

Converting Colors

YUV(150.0130, -56.7014,
33.3146)

Have a look what the booklet for
YUV(150.0130, -56.7014, 33.3146)
contains.

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Color

**YUV(150.0130, -56.7014,
33.3146)**

Conversions

Conversions Part 1

Format	Color
Hex	BC9923
RGB	188, 153, 35
RGB Percent	74%, 60%, 14%
CMY	0.2627, 0.4000, 0.8627
CMYK	0.00, 0.19, 0.81, 0.26
HSL	46°, 69%, 44%
HSV	46°, 81%, 74%
XYZ	32.4336, 33.5952, 6.3652
YIQ	150.0130, 58.7380, -29.2780

Conversions

Conversions Part 2

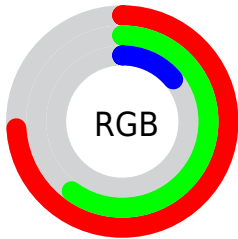
Format	Color
R _Y B	80, 188, 35
Decimal	12359971
CIE Lab	64.64, 1.81, 61.41
CIE LCh	65, 61.440, 88.308
Yxy	33.5952, 0.4480, 0.4641
Android (android.graphics.Color)	4290550051 (0xFFBC9923)
YUV	150.0130, -56.7014, 33.3146
Hunter-Lab	57.9613, -1.5485, 34.0618

Details

The YUV color **150.0130, -56.7014, 33.3146** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **72.9870, 56.7014, -33.3146**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.0350, -56.7123, 36.8033**, and **98.7440, -48.6808, 27.4115** is the 20% darker color. If you saturate the color by 10%, you get **145.4990, -63.8430, 37.2734**, and if you desaturate by 10%, it is **154.5270, -49.5598, 29.3558**.

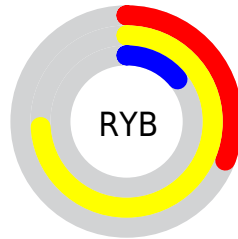
Distribution



Red (74%)

Green (60%)

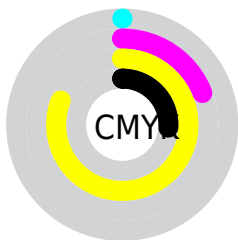
Blue (14%)



Red (31%)

Yellow (74%)

Blue (14%)

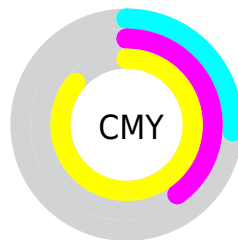


Cyan (0%)

Magenta (19%)

Yellow (81%)

Black (26%)



Cyan (26%)

Magenta (40%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.0130, -56.7014, 33.3146 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 150.0130, -56.7014, 33.3146 by changing the saturation by 10% instead.

■ 150.0130,
-56.7014, 33.3146

■ 150.0130,
-56.7014, 33.3146

■ 255.0000, 0.0000,
0.0000

■ 122.0900,
-60.1904, 32.3701

■ 206.0350,
-56.7123, 36.8033

■ 98.7440, -48.6808,
27.4115

■ 227.6420,
-54.0535, 23.9930

■ 77.1700, -38.0448,
22.6529

■ 242.4600,
-48.0478, 10.9976

■ 55.2970, -27.2614,
17.2795

■ 245.6520,
-35.8174, 8.1982

■ 35.1960, -17.3516,
12.1061

■ 248.8440,
-23.5871, 5.3988

■ 15.3940, -7.5892,
7.5475

■ 252.1500,

■ 0.0000, 0.0000,

-10.9200, 2.4994

0.0000

■ 150.0130,
-56.7014, 33.3146

■ 150.0130,
-56.7014, 33.3146

■ 145.4990,
-63.8430, 37.2734

■ 154.5270,
-49.5598, 29.3558

■ 141.3270,
-69.6742, 40.9322

■ 159.6280,
-42.7076, 24.8822

■ 164.0280,
-36.0028, 21.0234

■ 168.5420,
-28.8612, 17.0647

■ 173.6430,
-22.0090, 12.5911

■ 178.1570,
-14.8674, 8.6323

■ 182.6710, -7.7258,
4.6735

■ 187.0710, -1.0210,
0.8147

■ 192.1720, 5.8312,
-3.6588

Harmonies

Analogous

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



153.3220, -45.0217, 67.2466



150.0130, -56.7014, 33.3146



145.0830, -46.3829, -9.7198

Triad

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



150.0130, -56.7014, 33.3146



131.0190, 37.4586, -114.9037



160.7300, 26.7551, 51.9798

Complementary

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



150.0130, -56.7014, 33.3146



72.9870, 56.7014, -33.3146

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.



158.9320, 46.8685, -6.0794



150.0130, -56.7014, 33.3146



132.3990, 57.9773, -116.1139

Square

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



150.0130, -56.7014, 33.3146



124.7490, 13.4347, -109.4049



125.3380, 63.9234, -109.9214



155.7500, 3.0813, 85.2883

Rectangle

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



150.0130, -56.7014, 33.3146



138.4450, -28.8134, -45.1173



125.3380, 63.9234, -109.9214



161.7540, 33.6453, 35.2957

Sweetspot

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



150.0130, -56.7014, 33.3146



230.0560, -21.7196, 13.1059



84.8510, -6.8285, 90.4617



113.3140, -12.9728, 7.6176



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



150.0130, -56.7014, 33.3146



185.3550, -88.9150, 52.3087



158.2990, -60.7864, -9.9092



91.8000, -3.3524, 1.9294



118.8560, -58.5960, 34.3293



23.3570, -11.5150, 6.7029

Inverse Universe

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



72.9870, 56.7014, -33.3146



64.6450, 88.9150, -52.3087



64.7010, 60.7864, 9.9092



87.2000, 3.3524, -1.9294



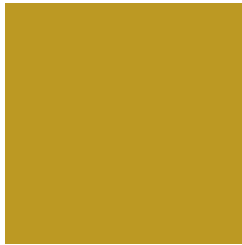
39.1440, 58.5960, -34.3293



7.6430, 11.5150, -6.7029

Previews

White Background



This preview shows how the YUV color 150.0130, -56.7014, 33.3146 looks on a white background.

Color Contrast Check

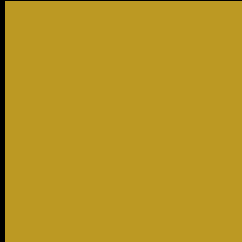
Large Text (above 18pt) WCAG AA × Fail

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 150.0130, -56.7014, 33.3146 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 150.0130, -56.7014, 33.3146

Background



This preview shows how black text looks on a background with the YUV color 150.0130, -56.7014, 33.3146.

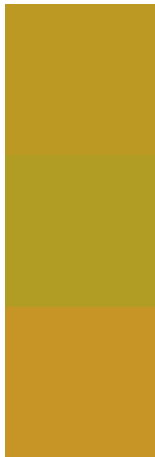


This preview shows how white text looks on a background with the YUV color 150.0130, -56.7014, 33.3146.

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

150.0130, -56.7014, 33.3146

Protanopia

149.1860, -55.8007, 24.3929

Deuteranopia

150.8830, -56.1443, 41.3216



Tritanopia

160.1010, -3.0078, 31.4834

Trichromacy



Original Color

150.0130, -56.7014, 33.3146

Protanomaly

149.7950, -56.1009, 27.3668

Deuteranomaly

150.1600, -56.2809, 38.4477

Tritanomaly

156.6500, -22.5055, 31.8789

Monochromacy



Original Color

150.0130, -56.7014, 33.3146

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

149.9850, -20.6986, 12.2912

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.0130, -56.7014, 33.3146 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(188, 153, 35)` looks like.

```
.text, #text, p{  
    color:rgb(188, 153, 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(188, 153, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 153, 35) }
```

Border

The CSS property to change the border of an element to YUV 150.0130, -56.7014, 33.3146 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(188, 153, 35) }
```


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

```
.border{ border-color:rgb(188, 153, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 153, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 153, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 153, 35);  
box-shadow:4px 4px 4px 4px rgb(188, 153,  
35) }
```

Background

The CSS property to change the background color of an element to YUV 150.0130, -56.7014, 33.3146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 153, 35) }
```

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

```
.background{ background-color: rgb(188,  
153, 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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