

Converting Colors

YUV(153.2240, -49.9034,
46.2846)

Have a look what the booklet for
YUV(153.2240, -49.9034, 46.2846)
contains.

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Color

**YUV(153.2240, -49.9034,
46.2846)**

Conversions

Conversions Part 1

Format	Color
Hex	CE9234
RGB	206, 146, 52
RGB Percent	81%, 57%, 20%
CMY	0.1922, 0.4275, 0.7961
CMYK	0.00, 0.29, 0.75, 0.19
HSL	37°, 61%, 51%
HSV	37°, 75%, 81%
XYZ	36.3523, 33.9275, 7.8815
YIQ	153.2240, 65.9340, -16.5140

Conversions

Conversions Part 2

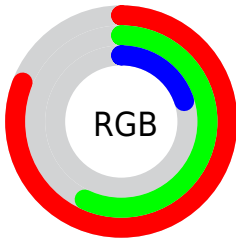
Format	Color
RYB	150, 206, 52
Decimal	13537844
CIELab	64.90, 14.21, 56.14
CIElCh	65, 57.911, 75.794
Yxy	33.9275, 0.4651, 0.4341
Android (android.graphics.Color)	4291727924 (0xFFCE9234)
YUV	153.2240, -49.9034, 46.2846
Hunter-Lab	58.2473, 9.4695, 32.7505

Details

The YUV color **153.2240, -49.9034, 46.2846** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **104.7760, 49.9034, -46.2846**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.5010, -50.0400, 43.4106**, and **100.3050, -49.4504, 40.9515** is the 20% darker color. If you saturate the color by 10%, you get **146.1340, -56.7611, 52.5025**, and if you desaturate by 10%, it is **160.3140, -43.0458, 40.0666**.

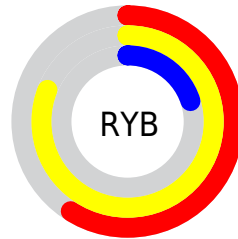
Distribution



Red (81%)

Green (57%)

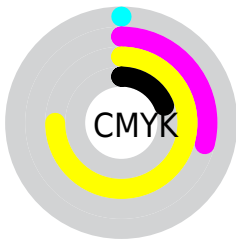
Blue (20%)



Red (59%)

Yellow (81%)

Blue (20%)

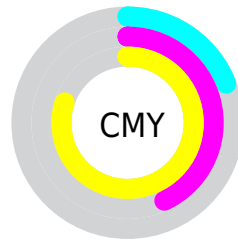


Cyan (0%)

Magenta (29%)

Yellow (75%)

Black (19%)



Cyan (19%)

Magenta (43%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.2240, -49.9034, 46.2846 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 153.2240, -49.9034, 46.2846 by changing the saturation by 10% instead.

■ 153.2240,
-49.9034, 46.2846

■ 153.2240,
-49.9034, 46.2846

■ 255.0000, 0.0000,
0.0000

■ 125.6860,
-50.6242, 44.1254

■ 205.5010,
-50.0400, 43.4106

■ 100.3050,
-49.4504, 40.9515

■ 225.0150,
-46.3494, 26.2968

■ 77.8450, -38.3776,
36.0929

■ 243.9420,
-42.3694, 9.6979

■ 55.6730, -27.4468,
30.1048

■ 247.1340,
-30.1391, 6.8985

■ 35.2730, -17.3896,
24.3166

■ 250.3260,
-17.9087, 4.0991

■ 14.8840, -7.3378,
20.2727

■ 253.6320, -5.2416,

■ 0.0000, 0.0000,

1.1997

0.0000

■ 153.2240,
-49.9034, 46.2846

■ 153.2240,
-49.9034, 46.2846

■ 146.1340,
-56.7611, 52.5025

■ 160.3140,
-43.0458, 40.0666

■ 139.1580,
-63.1819, 58.6204

■ 167.2900,
-36.6250, 33.9487

■ 135.5560,
-66.8291, 61.7794

■ 174.3800,
-29.7673, 27.7307

■ 181.3560,
-23.3465, 21.6128

■ 188.4460,
-16.4889, 15.3949

■ 195.5360, -9.6312,
9.1769

■ 202.5120, -3.2104,
3.0590

■ 209.6020, 3.6472,
-3.1590

■ 216.5780, 10.0680,
-9.2769

Harmonies

Analogous

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



155.1130, -34.5657, 73.5689



153.2240, -49.9034, 46.2846



148.8080, -49.2053, 8.9384

Triad

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



153.2240, -49.9034, 46.2846



128.3970, 27.4123, -112.6042



162.0090, 33.5196, 28.9331

Complementary

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



153.2240, -49.9034, 46.2846



104.7760, 49.9034, -46.2846

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.



153.5540, 50.0129, -34.6889



153.2240, -49.9034, 46.2846



131.9940, 48.8100, -115.7587

Square

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



153.2240, -49.9034, 46.2846



121.0670, 4.4040, -106.1758



128.8600, 62.1870, -113.0102



159.6540, 12.0026, 70.4634

Rectangle

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



153.2240, -49.9034, 46.2846



145.1940, -38.0566, -20.3411



128.8600, 62.1870, -113.0102



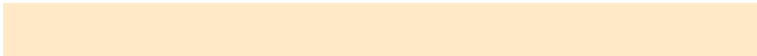
161.4950, 39.6890, 10.0899

Sweetspot

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



153.2240, -49.9034, 46.2846



235.7020, -18.0941, 16.9243



105.1140, 4.3808, 88.4770



116.4930, -11.0890, 10.0916



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.



153.2240, -49.9034, 46.2846



176.5370, -74.7077, 68.8121



183.9590, -65.0558, 6.1750



98.5120, -3.2104, 3.0590



108.9210, -53.6981, 50.0583



24.8630, -12.2575, 11.5211

Inverse Universe

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



104.7760, 49.9034, -46.2846



104.0500, 74.4184, -69.3268



74.0410, 65.0558, -6.1750



95.4880, 3.2104, -3.0590



57.0790, 53.6981, -50.0583



13.1370, 12.2575, -11.5211

Previews

White Background



This preview shows how the YUV color 153.2240, -49.9034, 46.2846 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 153.2240, -49.9034, 46.2846 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 153.2240, -49.9034, 46.2846

Background



This preview shows how black text looks on a background with the YUV color 153.2240, -49.9034, 46.2846.



This preview shows how white text looks on a background with the YUV color 153.2240, -49.9034,

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

153.2240, -49.9034, 46.2846

Protanopia

151.6400, -47.6435, 21.3637

Deuteranopia

153.0660, -50.3185, 39.4071



Tritanopia

160.5650, -6.6875, 45.1085

Trichromacy



Original Color

153.2240, -49.9034, 46.2846

Protanomaly

152.4670, -48.5442, 30.2854

Deuteranomaly

153.3760, -50.4714, 41.7662

Tritanomaly

157.7380, -22.5488, 45.8338

Monochromacy



Original Color

153.2240, -49.9034, 46.2846

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

152.7020, -18.0941, 16.9243

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.2240, -49.9034, 46.2846 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(206, 146, 52)` looks like.

```
.text, #text, p{  
    color:rgb(206, 146, 52)  
}
```

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(206, 146, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 146, 52) }
```

Border

The CSS property to change the border of an element to YUV 153.2240, -49.9034, 46.2846 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(206, 146, 52) }
```


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

```
.border{ border-color:rgb(206, 146, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 146, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 146, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 146, 52);  
box-shadow:4px 4px 4px 4px rgb(206, 146,  
52) }
```

Background

The CSS property to change the background color of an element to YUV 153.2240, -49.9034, 46.2846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 146, 52) }
```

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

```
.background{ background-color: rgb(206,  
146, 52) }
```

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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