

Converting Colors

YUV(150.7220, -45.2189,
37.0778)

Have a look what the booklet for
YUV(150.7220, -45.2189, 37.0778)
contains.

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Color

**YUV(150.7220, -45.2189,
37.0778)**

Conversions

Conversions Part 1

Format	Color
Hex	C1933B
RGB	193, 147, 59
RGB Percent	76%, 58%, 23%
CMY	0.2431, 0.4235, 0.7686
CMYK	0.00, 0.24, 0.69, 0.24
HSL	39°, 53%, 49%
HSV	39°, 69%, 76%
XYZ	33.2155, 32.5207, 8.6641
YIQ	150.7220, 55.6640, -17.6160

Conversions

Conversions Part 2

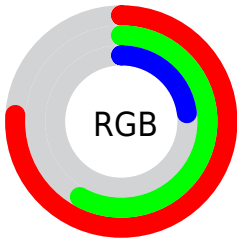
Format	Color
RYB	129, 193, 59
Decimal	12686139
CIELab	63.77, 8.34, 51.51
CIELCh	64, 52.184, 80.798
Yxy	32.5207, 0.4464, 0.4371
Android (android.graphics.Color)	4290876219 (0xFFC1933B)
YUV	150.7220, -45.2189, 37.0778
Hunter-Lab	57.0269, 4.1707, 30.9108

Details

The YUV color **150.7220, -45.2189, 37.0778** 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 **101.2780, 45.2189, -37.0778**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.2880, -46.9770, 40.9664**, and **97.3040, -47.9709, 33.0594** is the 20% darker color. If you saturate the color by 10%, you get **144.4470, -51.4924, 42.5810**, and if you desaturate by 10%, it is **156.9970, -38.9455, 31.5746**.

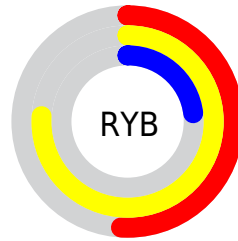
Distribution



Red (76%)

Green (58%)

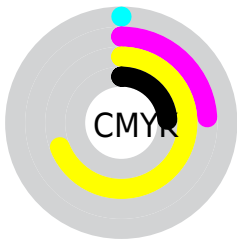
Blue (23%)



Red (51%)

Yellow (76%)

Blue (23%)

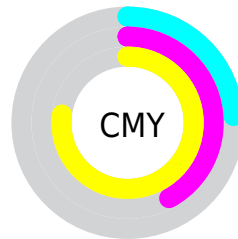


Cyan (0%)

Magenta (24%)

Yellow (69%)

Black (24%)



Cyan (24%)

Magenta (42%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.7220, -45.2189, 37.0778 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 150.7220, -45.2189, 37.0778 by changing the saturation by 10% instead.

■ 150.7220,
-45.2189, 37.0778

■ 150.7220,
-45.2189, 37.0778

■ 255.0000, 0.0000,
0.0000

■ 123.8250,
-44.7767, 35.2335

■ 206.2880,
-46.9770, 40.9664

■ 97.3040, -47.9709,
33.0594

■ 226.2860,
-44.0180, 25.1822

■ 75.1430, -37.0455,
28.8156

■ 244.6260,
-39.7486, 9.0980

■ 53.8570, -26.5515,
22.9274

■ 247.8180,
-27.5183, 6.2986

■ 33.7560, -16.6417,
17.7540

■ 251.0100,
-15.2879, 3.4992

■ 13.0790, -6.4479,
14.8397

■ 254.3160, -2.6208,

■ 0.0000, 0.0000,

0.5999

0.0000

■ 150.7220,
-45.2189, 37.0778

■ 150.7220,
-45.2189, 37.0778

■ 144.4470,
-51.4924, 42.5810

■ 156.9970,
-38.9455, 31.5746

■ 138.6450,
-58.4920, 47.6693

■ 162.7990,
-31.9459, 26.4863

■ 132.3700,
-64.7654, 53.1725

■ 169.0740,
-25.6725, 20.9831

■ 132.2560,
-65.2022, 53.2725

■ 175.3490,
-19.3991, 15.4799

■ 181.1510,
-12.3994, 10.3916

■ 187.4260, -6.1260,
4.8884

■ 193.1140, 0.4368,
-0.1000

■ 199.3890, 6.7102,
-5.6032

■ 205.7780, 13.4204,
-11.2063

Harmonies

Analogous

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



152.5740, -33.8070, 63.5176



150.7220, -45.2189, 37.0778



146.7130, -41.7635, 2.0057

Triad

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



150.7220, -45.2189, 37.0778



125.1030, 30.0222, -109.7153



159.3210, 26.9567, 33.9215

Complementary

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



150.7220, -45.2189, 37.0778



101.2780, 45.2189, -37.0778

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.



154.2310, 43.2701, -18.6196



150.7220, -45.2189, 37.0778



127.3150, 48.6517, -111.6553

Square

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



150.7220, -45.2189, 37.0778



119.6310, 9.0559, -104.9164



124.3120, 59.9922, -109.0216



156.6660, 7.0667, 66.9449

Rectangle

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



150.7220, -45.2189, 37.0778



142.5230, -30.3308, -25.0147



124.3120, 59.9922, -109.0216



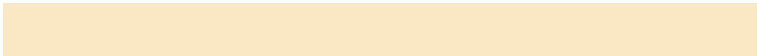
158.7150, 32.6785, 18.6669

Sweetspot

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



150.7220, -45.2189, 37.0778



233.3920, -17.9413, 14.5652



104.4240, 0.7770, 77.6812



115.0090, -10.3574, 8.7621



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



150.7220, -45.2189, 37.0778



184.6110, -70.3072, 57.3462



171.7440, -55.5828, 1.1015



94.0990, -3.4998, 2.5442



110.3610, -54.4080, 44.4104



22.7810, -11.2310, 8.9621

Inverse Universe

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



101.2780, 45.2189, -37.0778



107.9760, 70.0178, -57.8610



80.2560, 55.5828, -1.1015



90.4880, 3.2104, -3.0590



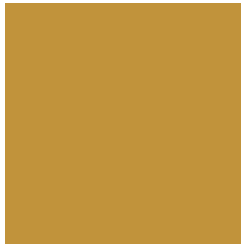
50.6390, 54.4080, -44.4104



10.2190, 11.2310, -8.9621

Previews

White Background



This preview shows how the YUV color 150.7220, -45.2189, 37.0778 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 150.7220, -45.2189, 37.0778 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 150.7220, -45.2189, 37.0778

Background



This preview shows how black text looks on a background with the YUV color 150.7220, -45.2189, 37.0778.



This preview shows how white text looks on a background with the YUV color 150.7220, -45.2189, 37.0778.

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

150.7220, -45.2189, 37.0778

Protanopia

149.6660, -43.7123, 20.4639

Deuteranopia

150.7220, -45.2189, 37.0778



Tritanopia

157.3790, -4.6238, 36.5016

Trichromacy



Original Color

150.7220, -45.2189, 37.0778

Protanomaly

149.8840, -44.3128, 26.4117

Deuteranomaly

150.7220, -45.2189, 37.0778

Tritanomaly

154.8940, -19.1747, 36.9270

Monochromacy



Original Color

150.7220, -45.2189, 37.0778

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

151.1360, -16.3360, 13.0357

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.7220, -45.2189, 37.0778 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(193, 147, 59)` looks like.

```
.text, #text, p{  
    color:rgb(193, 147, 59)  
}
```

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(193, 147, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 147, 59) }
```

Border

The CSS property to change the border of an element to YUV 150.7220, -45.2189, 37.0778 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(193, 147, 59) }
```


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

```
.border{ border-color:rgb(193, 147, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 147, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 147, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 147, 59);  
box-shadow:4px 4px 4px 4px rgb(193, 147,  
59) }
```

Background

The CSS property to change the background color of an element to YUV 150.7220, -45.2189, 37.0778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 147, 59) }
```

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

```
.background{ background-color: rgb(193,  
147, 59) }
```

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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