

Converting Colors

YUV(157.6790, -43.2257,
51.1475)

Have a look what the booklet for
YUV(157.6790, -43.2257, 51.1475)
contains.

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Color

**YUV(157.6790, -43.2257,
51.1475)**

Conversions

Conversions Part 1

Format	Color
Hex	D89146
RGB	216, 145, 70
RGB Percent	85%, 57%, 27%
CMY	0.1529, 0.4314, 0.7255
CMYK	0.00, 0.33, 0.68, 0.15
HSL	31°, 65%, 56%
HSV	31°, 68%, 85%
XYZ	39.5498, 35.2919, 10.5219
YIQ	157.6790, 66.3910, -8.2730

Conversions

Conversions Part 2

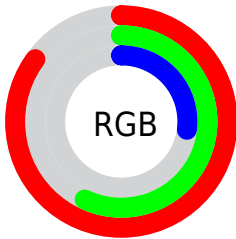
Format	Color
R_{YB}	208, 216, 70
Decimal	14192966
CIE _{Lab}	65.98, 19.94, 49.56
CIE _{LCh}	66, 53.420, 68.081
Yxy	35.2919, 0.4633, 0.4134
Android (android.graphics.Color)	4292383046 (0xFFD89146)
YUV	157.6790, -43.2257, 51.1475
Hunter-Lab	59.4070, 14.8728, 31.0838

Details

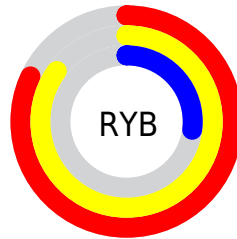
The YUV color **157.6790, -43.2257, 51.1475** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **128.3210, 43.2257, -51.1475**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.8520, -42.3250, 42.2258**, and **104.1730, -42.4833, 46.3293** is the 20% darker color. If you saturate the color by 10%, you get **148.7140, -49.6520, 59.0098**, and if you desaturate by 10%, it is **166.6440, -36.7995, 43.2852**.

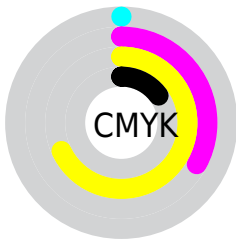
Distribution



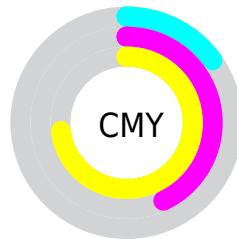
- Red (85%)
- Green (57%)
- Blue (27%)



- Red (82%)
- Yellow (85%)
- Blue (27%)



- Cyan (0%)
- Magenta (33%)
- Yellow (68%)
- Black (15%)



- Cyan (15%)
- Magenta (43%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.6790, -43.2257, 51.1475 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 157.6790, -43.2257, 51.1475 by changing the saturation by 10% instead.

■ 157.6790,
-43.2257, 51.1475

■ 157.6790,
-43.2257, 51.1475

■ 255.0000, 0.0000,
0.0000

■ 130.5970,
-42.1993, 48.5884

■ 206.8520,
-42.3250, 42.2258

■ 104.1730,
-42.4833, 46.3293

■ 226.3660,
-38.6344, 25.1120

■ 79.3620, -39.1255,
42.6555

■ 245.8800,
-34.9438, 7.9982

■ 58.0760, -28.6315,
36.7673

■ 249.0720,
-22.7135, 5.1989

■ 36.7900, -18.1375,
30.8792

■ 252.3780,
-10.0464, 2.2995

■ 16.1020, -7.9383,
26.2205

■ 2.0930, -1.0318,

4.3034

■ 0.0000, 0.0000,
0.0000

■ 157.6790,
-43.2257, 51.1475

■ 157.6790,
-43.2257, 51.1475

■ 148.7140,
-49.6520, 59.0098

■ 166.6440,
-36.7995, 43.2852

■ 140.4500,
-55.9309, 66.2573

■ 174.9080,
-30.5206, 36.0377

■ 131.4850,
-62.3571, 74.1197

■ 183.8730,
-24.0944, 28.1754

■ 129.7410,
-63.9623, 75.6491

■ 192.1370,
-17.8155, 20.9279

■ 201.1020,
-11.3893, 13.0655

■ 209.4800, -4.6736,
5.7180

■ 218.3310, 1.3158,
-2.0443

■ 226.7090, 8.0315,
-9.3918

■ 234.5340, 10.0897,
-16.2543

Harmonies

Analogous

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



159.0620, -27.1456, 73.6136



157.6790, -43.2257, 51.1475



154.2590, -46.4697, 18.1899

Triad

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



157.6790, -43.2257, 51.1475



127.6160, 21.8813, -111.9192



164.3770, 35.3101, 14.5784

Complementary

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



157.6790, -43.2257, 51.1475



128.3210, 43.2257, -51.1475

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.



152.2810, 50.6405, -49.3584



157.6790, -43.2257, 51.1475



131.6860, 42.5528, -115.4886

Square

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



157.6790, -43.2257, 51.1475



134.6100, -5.7237, -77.7110



131.1110, 58.1193, -114.9843



164.3040, 16.1191, 56.7384

Rectangle

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



157.6790, -43.2257, 51.1475



150.9290, -39.4050, -7.8307



131.1110, 58.1193, -114.9843



162.3360, 40.7534, -4.6797

Sweetspot

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



157.6790, -43.2257, 51.1475



234.5110, -15.0419, 17.9689



121.9760, 10.3648, 82.4590



115.6610, -9.1999, 10.8213



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.



157.6790, -43.2257, 51.1475



172.7020, -61.4781, 72.1753



199.3560, -63.7725, 14.5968



102.8110, -3.3578, 3.6738



102.7850, -50.6730, 59.8246



25.7710, -12.7051, 15.1098

Inverse Universe

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



128.3210, 43.2257, -51.1475



130.8850, 61.1887, -72.6901



86.6440, 63.7725, -14.5968



100.7760, 3.0684, -4.1886



68.2150, 50.6730, -59.8246



17.2290, 12.7051, -15.1098

Previews

White Background



This preview shows how the YUV color 157.6790, -43.2257, 51.1475 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 157.6790, -43.2257, 51.1475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

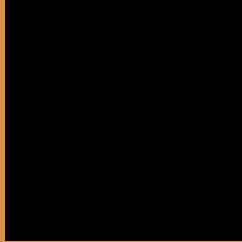
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 157.6790, -43.2257, 51.1475

Background



This preview shows how black text looks on a background with the YUV color 157.6790, -43.2257, 51.1475.



This preview shows how white text looks on a background with the YUV color 157.6790, -43.2257, 51.1475.

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

157.6790, -43.2257, 51.1475

Protanopia

156.2790, -40.0705, 19.0493

Deuteranopia

157.0640, -43.9086, 36.7779



Tritanopia

163.2560, -8.0142, 50.6415

Trichromacy



Original Color

157.6790, -43.2257, 51.1475

Protanomaly

156.7150, -41.2715, 30.9449

Deuteranomaly

157.2110, -43.4880, 41.9110

Tritanomaly

161.2270, -20.8179, 50.6669

Monochromacy



Original Color

157.6790, -43.2257, 51.1475

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

157.6960, -15.6261, 18.6836

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.6790, -43.2257, 51.1475 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(216, 145, 70)` looks like.

```
.text, #text, p{  
    color:rgb(216, 145, 70)  
}
```

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(216, 145, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 145, 70) }
```

Border

The CSS property to change the border of an element to YUV 157.6790, -43.2257, 51.1475 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(216, 145, 70) }
```


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

```
.border{ border-color:rgb(216, 145, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 145, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 145, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 145, 70);  
box-shadow:4px 4px 4px 4px rgb(216, 145,  
70) }
```

Background

The CSS property to change the background color of an element to YUV 157.6790, -43.2257, 51.1475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 145, 70) }
```

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

```
.background{ background-color: rgb(216,  
145, 70) }
```

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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