

Converting Colors

YUV(163.6890, -58.5137,
54.6467)

Have a look what the booklet for
YUV(163.6890, -58.5137, 54.6467)
contains.

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Color

**YUV(163.6890, -58.5137,
54.6467)**

Conversions

Conversions Part 1

Format	Color
Hex	E29B2D
RGB	226, 155, 45
RGB Percent	89%, 61%, 18%
CMY	0.1137, 0.3922, 0.8235
CMYK	0.00, 0.31, 0.80, 0.11
HSL	36°, 76%, 53%
HSV	36°, 80%, 89%
XYZ	43.5590, 39.8009, 7.8692
YIQ	163.6890, 77.6260, -19.1580

Conversions

Conversions Part 2

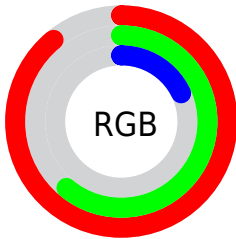
Format	Color
R_{YB}	162, 226, 45
Decimal	14850861
CIE Lab	69.33, 17.70, 63.81
CIE LCh	69, 66.219, 74.495
Yxy	39.8009, 0.4775, 0.4363
Android (android.graphics.Color)	4293040941 (0xFFE29B2D)
YUV	163.6890, -58.5137, 54.6467
Hunter-Lab	63.0880, 12.8413, 36.7661

Details

The YUV color **163.6890, -58.5137, 54.6467** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle washed orange. A complement of this color would be **107.3110, 58.5137, -54.6467**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.3280, -54.3917, 39.1773**, and **110.3830, -54.4188, 47.8991** is the 20% darker color. If you saturate the color by 10%, you get **155.7840, -65.9555, 61.5794**, and if you desaturate by 10%, it is **171.5940, -51.0718, 47.7141**.

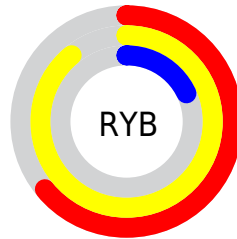
Distribution



Red (89%)

Green (61%)

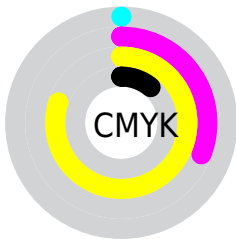
Blue (18%)



Red (64%)

Yellow (89%)

Blue (18%)

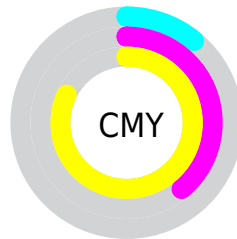


Cyan (0%)

Magenta (31%)

Yellow (80%)

Black (11%)



Cyan (11%)

Magenta (39%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.6890, -58.5137, 54.6467 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 163.6890, -58.5137, 54.6467 by changing the saturation by 10% instead.

163.6890,
-58.5137, 54.6467

163.6890,
-58.5137, 54.6467

255.0000, 0.0000,
0.0000

135.0540,
-62.1446, 52.5726

210.3280,
-54.3917, 39.1773

110.3830,
-54.4188, 47.8991

230.4290,
-50.9905, 21.5488

87.6240, -43.1986,
42.4258

243.4860,
-44.1166, 10.0978

65.4520, -32.2678,
36.4376

246.6780,
-31.8863, 7.2984

44.1660, -21.7738,
30.5494

249.9840,
-19.2191, 4.3990

23.7660, -11.7166,
24.7612

253.2900, -6.5520,

8.4860, -3.6906,

1.4997

17.1138

■ 0.0000, 0.0000,
0.0000

■ 163.6890,
-58.5137, 54.6467

■ 163.6890,
-58.5137, 54.6467

■ 155.7840,
-65.9555, 61.5794

■ 171.5940,
-51.0718, 47.7141

■ 147.9930,
-72.9605, 68.4121

■ 179.3850,
-44.0668, 40.8814

■ 187.2900,
-36.6250, 33.9487

■ 194.4940,
-29.3305, 27.6308

■ 202.3990,
-21.8887, 20.6981

■ 210.3040,
-14.4469, 13.7654

■ 218.0950, -7.4418,
6.9327

■ 226.0000, 0.0000,
0.0000

■ 233.7910, 7.0050,
-6.8327

Harmonies

Analogous

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



163.0600, -37.4976, 80.6314



163.6890, -58.5137, 54.6467



158.7840, -59.5465, 12.4674

Triad

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



163.6890, -58.5137, 54.6467



138.7980, 29.1866, -121.7258



174.3280, 39.7713, 30.4073

Complementary

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



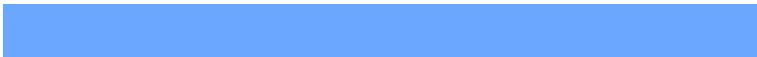
163.6890, -58.5137, 54.6467



107.3110, 58.5137, -54.6467

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.



158.5050, 47.5720, -45.1699



163.6890, -58.5137, 54.6467



143.1930, 53.6419, -125.5803

Square

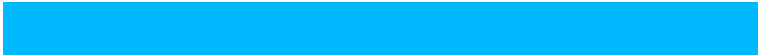
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



163.6890, -58.5137, 54.6467



130.4420, 2.2471, -114.3976



137.6650, 57.8462, -120.7322



168.6530, 16.9331, 75.7263

Rectangle

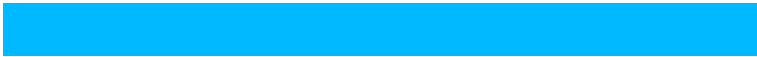
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



163.6890, -58.5137, 54.6467



154.5330, -45.6188, -21.5154



137.6650, 57.8462, -120.7322



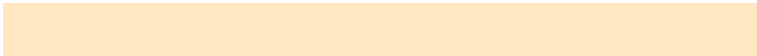
171.2500, 41.2888, 10.3048

Sweetspot

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



163.6890, -58.5137, 54.6467



233.9580, -19.6993, 18.4538



107.3270, 4.7688, 104.0762



114.9770, -11.8207, 11.4212



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.



163.6890, -58.5137, 54.6467



170.7180, -79.2340, 73.9153



199.9840, -76.4071, 7.0300



108.3980, -3.6472, 3.1590



115.4330, -56.9085, 53.1173



31.3750, -15.4679, 14.5801

Inverse Universe

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



107.3110, 58.5137, -54.6467



94.2820, 79.2340, -73.9153



71.0160, 76.4071, -7.0300



104.6020, 3.6472, -3.1590



60.5670, 56.9085, -53.1173



16.6250, 15.4679, -14.5801

Previews

White Background



This preview shows how the YUV color 163.6890, -58.5137, 54.6467 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 163.6890, -58.5137, 54.6467 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 163.6890, -58.5137, 54.6467

Background



This preview shows how black text looks on a background with the YUV color 163.6890, -58.5137, 54.6467.



This preview shows how white text looks on a background with the YUV color 163.6890, -58.5137,

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

163.6890, -58.5137, 54.6467

Protanopia

162.1860, -55.8007, 24.3929

Deuteranopia

162.9820, -59.6441, 43.8658



Tritanopia

172.2670, -8.0196, 52.3858

Trichromacy



Original Color

163.6890, -58.5137, 54.6467

Protanomaly

163.0240, -56.7068, 35.0590

Deuteranomaly

163.4170, -59.3656, 47.8693

Tritanomaly

169.4570, -26.3543, 53.0962

Monochromacy



Original Color

163.6890, -58.5137, 54.6467

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

164.2140, -21.3045, 19.9833

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.6890, -58.5137, 54.6467 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(226, 155, 45)` looks like.

```
.text, #text, p{  
    color:rgb(226, 155, 45)  
}
```

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(226, 155, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 155, 45) }
```

Border

The CSS property to change the border of an element to YUV 163.6890, -58.5137, 54.6467 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(226, 155, 45) }
```


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

```
.border{ border-color:rgb(226, 155, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 155, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 155, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 155, 45);  
box-shadow:4px 4px 4px 4px rgb(226, 155,  
45) }
```

Background

The CSS property to change the background color of an element to YUV 163.6890, -58.5137, 54.6467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 155, 45) }
```

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

```
.background{ background-color: rgb(226,  
155, 45) }
```

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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