

Converting Colors

YUV(165.5630, -54.0146,
58.2652)

Have a look what the booklet for
YUV(165.5630, -54.0146, 58.2652)
contains.

YUV(165.5630, -54.0146, 58.2652)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(165.5630, -54.0146,
58.2652)**

Conversions

Conversions Part 1

Format	Color
Hex	E89938
RGB	232, 153, 56
RGB Percent	91%, 60%, 22%
CMY	0.0902, 0.4000, 0.7804
CMYK	0.00, 0.34, 0.76, 0.09
HSL	33°, 79%, 56%
HSV	33°, 76%, 91%
XYZ	45.3838, 40.2238, 9.1134
YIQ	165.5630, 78.2210, -13.4190

Conversions

Conversions Part 2

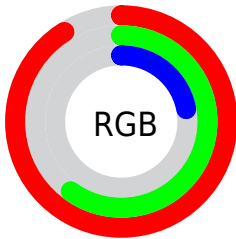
Format	Color
RYB	199, 232, 56
Decimal	15243576
CIELab	69.63, 21.71, 60.15
CIELCh	70, 63.949, 70.151
Yxy	40.2238, 0.4791, 0.4247
Android (android.graphics.Color)	4293433656 (0xFFE89938)
YUV	165.5630, -54.0146, 58.2652
Hunter-Lab	63.4222, 16.7423, 35.8760

Details

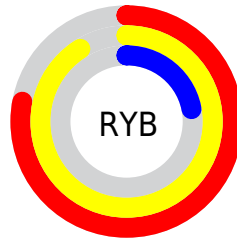
The YUV color **165.5630, -54.0146, 58.2652** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **122.4370, 54.0146, -58.2652**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.1800, -49.8817, 39.3071**, and **111.0030, -54.7245, 52.6174** is the 20% darker color. If you saturate the color by 10%, you get **157.0710, -61.1670, 65.7127**, and if you desaturate by 10%, it is **174.0550, -46.8621, 50.8178**.

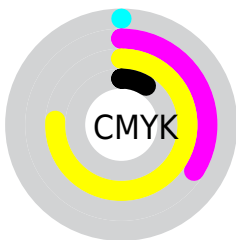
Distribution



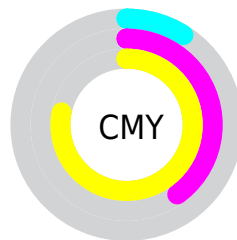
- Red (91%)
- Green (60%)
- Blue (22%)



- Red (78%)
- Yellow (91%)
- Blue (22%)



- Cyan (0%)
- Magenta (34%)
- Yellow (76%)
- Black (9%)



- Cyan (9%)
- Magenta (40%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.5630, -54.0146, 58.2652 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 165.5630, -54.0146, 58.2652 by changing the saturation by 10% instead.

165.5630,
-54.0146, 58.2652

165.5630,
-54.0146, 58.2652

255.0000, 0.0000,
0.0000

137.7260,
-54.5879, 55.4913

210.1800,
-49.8817, 39.3071

111.0030,
-54.7245, 52.6174

230.2810,
-46.4805, 21.6786

87.9450, -43.3569,
46.5292

244.5120,
-40.1854, 9.1980

65.1860, -32.1367,
41.0559

247.7040,
-27.9551, 6.3986

43.9000, -21.6427,
35.1677

251.0100,
-15.2879, 3.4992

23.5000, -11.5855,
29.3795

254.3160, -2.6208,

10.2800, -4.5750,

0.5999

20.8024

■ 0.0000, 0.0000,
0.0000

■ 165.5630,
-54.0146, 58.2652

■ 165.5630,
-54.0146, 58.2652

■ 157.0710,
-61.1670, 65.7127

■ 174.0550,
-46.8621, 50.8178

■ 147.9920,
-68.0301, 73.6750

■ 183.1340,
-39.9991, 42.8555

■ 144.5040,
-71.2405, 76.7340

■ 191.7400,
-32.4098, 35.3080

■ 200.8190,
-25.5468, 27.3457

■ 209.3110,
-18.3943, 19.8983

■ 217.8030,
-11.2419, 12.4508

■ 226.8820, -4.3788,
4.4885

■ 235.4880, 3.2104,
-3.0590

■ 243.4270, 5.7055,
-10.0215

Harmonies

Analogous

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



163.7270, -32.4034, 80.0464



165.5630, -54.0146, 58.2652



160.9850, -57.6736, 18.4302

Triad

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



165.5630, -54.0146, 58.2652



137.7720, 25.2554, -120.8260



174.2730, 39.7984, 21.6856

Complementary

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



165.5630, -54.0146, 58.2652



122.4370, 54.0146, -58.2652

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.



156.0690, 48.7730, -57.0655



165.5630, -54.0146, 58.2652



142.8680, 49.8581, -125.2952

Square

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



165.5630, -54.0146, 58.2652



129.0570, -0.5211, -113.1830



138.8390, 57.2674, -121.7618



172.5000, 18.9805, 72.3525

Rectangle

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



165.5630, -54.0146, 58.2652



157.4200, -47.5351, -13.5233



138.8390, 57.2674, -121.7618



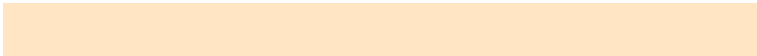
171.1840, 41.3213, -0.1614

Sweetspot

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



165.5630, -54.0146, 58.2652



233.0120, -18.2469, 19.2835



117.6300, 8.5634, 100.3025



113.9170, -10.8051, 12.3508



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.



165.5630, -54.0146, 58.2652



167.5040, -71.2405, 76.7340



209.2450, -75.5498, 12.0631



110.6970, -3.7946, 3.7737



111.0470, -54.7462, 59.5948



31.6850, -15.6207, 16.9393

Inverse Universe

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



122.4370, 54.0146, -58.2652



110.4960, 71.2405, -76.7340



78.7550, 75.5498, -12.0631



107.3030, 3.7946, -3.7737



67.3660, 55.0356, -59.0800



19.3150, 15.6207, -16.9393

Previews

White Background



This preview shows how the YUV color 165.5630, -54.0146, 58.2652 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 165.5630, -54.0146, 58.2652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

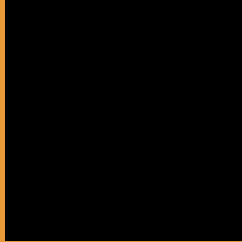
Any Text WCAG AA ✓ Pass

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 165.5630, -54.0146, 58.2652 Background



This preview shows how black text looks on a background with the YUV color 165.5630, -54.0146, 58.2652.



This preview shows how white text looks on a background with the YUV color 165.5630, -54.0146, 58.2652.

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

165.5630, -54.0146, 58.2652

Protanopia

164.4400, -50.9959, 23.2931

Deuteranopia

165.1220, -55.2761, 42.8660



Tritanopia

172.6590, -9.1989, 57.3041

Trichromacy



Original Color

165.5630, -54.0146, 58.2652

Protanomaly

164.5880, -52.0549, 36.3183

Deuteranomaly

165.5680, -55.0030, 48.6139

Tritanomaly

170.3050, -25.7864, 57.6145

Monochromacy



Original Color

165.5630, -54.0146, 58.2652

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

165.6810, -19.5627, 21.3278

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.5630, -54.0146, 58.2652 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(232, 153, 56)` looks like.

```
.text, #text, p{  
    color:rgb(232, 153, 56)  
}
```

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(232, 153, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 153, 56) }
```

Border

The CSS property to change the border of an element to YUV 165.5630, -54.0146, 58.2652 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(232, 153, 56) }
```


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

```
.border{ border-color:rgb(232, 153, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 153, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 153, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 153, 56);  
box-shadow:4px 4px 4px 4px rgb(232, 153,  
56) }
```

Background

The CSS property to change the background color of an element to YUV 165.5630, -54.0146, 58.2652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 153, 56) }
```

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

```
.background{ background-color: rgb(232,  
153, 56) }
```

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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