

Converting Colors

YUV(166.7800, -53.1355,
56.3209)

Have a look what the booklet for
YUV(166.7800, -53.1355, 56.3209)
contains.

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Color

**YUV(166.7800, -53.1355,
56.3209)**

Conversions

Conversions Part 1

Format	Color
Hex	E79B3B
RGB	231, 155, 59
RGB Percent	91%, 61%, 23%
CMY	0.0941, 0.3922, 0.7686
CMYK	0.00, 0.33, 0.74, 0.09
HSL	33°, 78%, 57%
HSV	33°, 74%, 91%
XYZ	45.4658, 40.7474, 9.6064
YIQ	166.7800, 76.1120, -13.7440

Conversions

Conversions Part 2

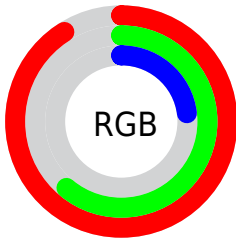
Format	Color
RYB	195, 231, 59
Decimal	15178555
CIELab	70.00, 20.35, 59.24
CIELCh	70, 62.637, 71.037
Yxy	40.7474, 0.4745, 0.4253
Android (android.graphics.Color)	4293368635 (0xFFE79B3B)
YUV	166.7800, -53.1355, 56.3209
Hunter-Lab	63.8337, 15.4283, 35.7610

Details

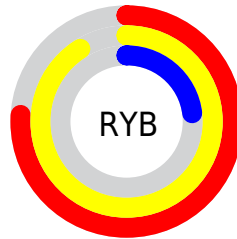
The YUV color **166.7800, -53.1355, 56.3209** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle washed orange. A complement of this color would be **123.2200, 53.1355, -56.3209**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.2830, -49.4395, 37.4628**, and **111.8780, -55.1559, 50.9730** is the 20% darker color. If you saturate the color by 10%, you get **158.2880, -60.2880, 63.7684**, and if you desaturate by 10%, it is **175.2720, -45.9831, 48.8735**.

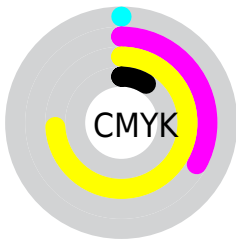
Distribution



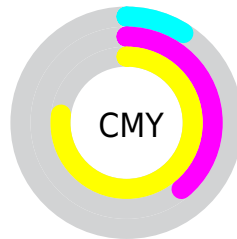
- Red (91%)
- Green (61%)
- Blue (23%)



- Red (76%)
- Yellow (91%)
- Blue (23%)



- Cyan (0%)
- Magenta (33%)
- Yellow (74%)
- Black (9%)



- Cyan (9%)
- Magenta (39%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.7800, -53.1355, 56.3209 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 166.7800, -53.1355, 56.3209 by changing the saturation by 10% instead.

166.7800,
-53.1355, 56.3209

166.7800,
-53.1355, 56.3209

255.0000, 0.0000,
0.0000

139.0570,
-53.2721, 53.4470

212.2830,
-49.4395, 37.4628

111.8780,
-55.1559, 50.9730

231.7970,
-45.7489, 20.3490

89.1190, -43.9357,
45.4996

244.8540,
-38.8750, 8.8980

66.3600, -32.7155,
40.0263

248.0460,
-26.6447, 6.0987

44.7750, -22.0741,
33.5233

251.3520,
-13.9775, 3.1993

24.3750, -12.0169,
27.7351

254.6580, -1.3104,

10.2800, -4.5750,

0.2999

20.8024

■ 0.0000, 0.0000,
0.0000

■ 166.7800,
-53.1355, 56.3209

■ 166.7800,
-53.1355, 56.3209

■ 158.2880,
-60.2880, 63.7684

■ 175.2720,
-45.9831, 48.8735

■ 149.7960,
-67.4404, 71.2159

■ 183.7640,
-38.8307, 41.4260

■ 144.7920,
-71.3825, 75.6044

■ 192.8430,
-31.9676, 33.4637

■ 201.3350,
-24.8152, 26.0162

■ 209.8270,
-17.6627, 18.5687

■ 218.4330,
-10.0735, 11.0213

■ 226.9250, -2.9210,
3.5738

■ 236.0040, 3.9420,
-4.3885

■ 243.1280, 5.8529,
-10.6363

Harmonies

Analogous

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



165.6020, -32.8348, 78.4020



166.7800, -53.1355, 56.3209



162.7290, -56.0684, 16.9007

Triad

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



166.7800, -53.1355, 56.3209



138.5870, 25.8396, -121.5408



175.4580, 39.2142, 22.4003

Complementary

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



166.7800, -53.1355, 56.3209



123.2200, 53.1355, -56.3209

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.



158.7600, 47.4463, -51.5325



166.7800, -53.1355, 56.3209



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.



166.7800, -53.1355, 56.3209



130.1000, 0.9367, -114.0977



138.8390, 57.2674, -121.7618



173.4460, 17.5281, 71.5229

Rectangle

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



166.7800, -53.1355, 56.3209



158.5770, -45.6405, -14.5380



138.8390, 57.2674, -121.7618



172.3800, 40.7317, 2.2977

Sweetspot

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



166.7800, -53.1355, 56.3209



233.9410, -17.2259, 18.4687



119.2060, 8.2794, 98.0433



115.3190, -10.5103, 11.1212



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.



166.7800, -53.1355, 56.3209



170.4220, -70.2140, 74.1749



208.7010, -73.8026, 11.6632



110.6970, -3.7946, 3.7737



112.2210, -55.3250, 58.5652



31.6850, -15.6207, 16.9393

Inverse Universe

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



123.2200, 53.1355, -56.3209



112.5780, 70.2140, -74.1749



81.2990, 73.8026, -11.6632



107.3030, 3.7946, -3.7737



66.7790, 55.3250, -58.5652



19.3150, 15.6207, -16.9393

Previews

White Background



This preview shows how the YUV color 166.7800, -53.1355, 56.3209 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 166.7800, -53.1355, 56.3209 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 166.7800, -53.1355, 56.3209

Background



This preview shows how black text looks on a background with the YUV color 166.7800, -53.1355, 56.3209.



This preview shows how white text looks on a background with the YUV color 166.7800, -53.1355,

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

166.7800, -53.1355, 56.3209

Protanopia

165.3690, -49.9749, 22.4784

Deuteranopia

166.3500, -54.4026, 42.6660



Tritanopia

173.7620, -8.7567, 55.4597

Trichromacy



Original Color

166.7800, -53.1355, 56.3209

Protanomaly

166.1040, -51.3233, 34.9888

Deuteranomaly

166.4970, -53.9820, 47.7991

Tritanomaly

171.5220, -24.9073, 55.6702

Monochromacy



Original Color

166.7800, -53.1355, 56.3209

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

167.0830, -19.2679, 20.0982

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.7800, -53.1355, 56.3209 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(231, 155, 59)` looks like.

```
.text, #text, p{  
    color:rgb(231, 155, 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(231, 155, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 155, 59) }
```

Border

The CSS property to change the border of an element to YUV 166.7800, -53.1355, 56.3209 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(231, 155, 59) }
```


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

```
.border{ border-color:rgb(231, 155, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 155, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 155, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 155, 59);  
box-shadow:4px 4px 4px 4px rgb(231, 155,  
59) }
```

Background

The CSS property to change the background color of an element to YUV 166.7800, -53.1355, 56.3209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 155, 59) }
```

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

```
.background{ background-color: rgb(231,  
155, 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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