

Converting Colors

YUV(179.2590, -56.3297,
54.1469)

Have a look what the booklet for
YUV(179.2590, -56.3297, 54.1469)
contains.

YUV(179.2590, -56.3297, 54.1469)	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(179.2590, -56.3297,
54.1469)**

Conversions

Conversions Part 1

Format	Color
Hex	F1AA41
RGB	241, 170, 65
RGB Percent	95%, 67%, 25%
CMY	0.0549, 0.3333, 0.7451
CMYK	0.00, 0.29, 0.73, 0.05
HSL	36°, 86%, 60%
HSV	36°, 73%, 95%
XYZ	51.6045, 47.8319, 11.5137
YIQ	179.2590, 76.0210, -17.6030

Conversions

Conversions Part 2

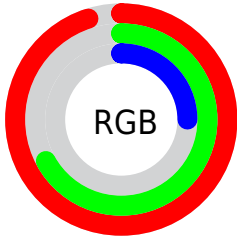
Format	Color
RYB	184, 241, 65
Decimal	15837761
CIELab	74.72, 16.87, 61.84
CIELCh	75, 64.096, 74.740
Yxy	47.8319, 0.4651, 0.4311
Android (android.graphics.Color)	4294027841 (0xFFFF1AA41)
YUV	179.2590, -56.3297, 54.1469
Hunter-Lab	69.1606, 12.1575, 38.5420

Details

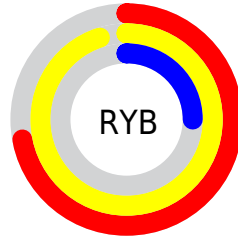
The YUV color **179.2590, -56.3297, 54.1469** is a light color, and the websafe version is hex **CC9933**. The color can be described as light washed orange. A complement of this color would be **126.7410, 56.3297, -54.1469**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.8860, -50.7228, 29.0410**, and **123.0860, -60.6814, 49.9136** is the 20% darker color. If you saturate the color by 10%, you get **170.6530, -63.9189, 61.6943**, and if you desaturate by 10%, it is **187.8650, -48.7404, 46.5994**.

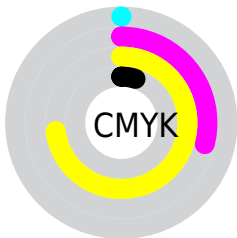
Distribution



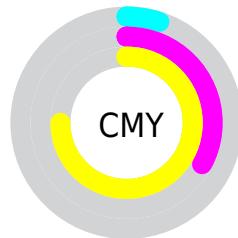
- Red (95%)
- Green (67%)
- Blue (25%)



- Red (72%)
- Yellow (95%)
- Blue (25%)



- Cyan (0%)
- Magenta (29%)
- Yellow (73%)
- Black (5%)



- Cyan (5%)
- Magenta (33%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 179.2590, -56.3297, 54.1469 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 179.2590, -56.3297, 54.1469 by changing the saturation by 10% instead.

179.2590,
-56.3297, 54.1469

179.2590,
-56.3297, 54.1469

255.0000, 0.0000,
0.0000

151.5360,
-56.4662, 51.2729

221.8860,
-50.7228, 29.0410

123.0860,
-60.6814, 49.9136

241.9870,
-47.3216, 11.4124

99.4410, -49.0244,
44.3402

245.6520,
-35.8174, 8.1982

77.5680, -38.2410,
38.9669

248.9580,
-23.1503, 5.2988

55.3960, -27.3102,
32.9787

252.1500,
-10.9200, 2.4994

34.6970, -17.1056,
26.5757

13.7210, -6.7645,

23.0467

■ 0.0000, 0.0000,
0.0000

■ 179.2590,
-56.3297, 54.1469

■ 179.2590,
-56.3297, 54.1469

■ 170.6530,
-63.9189, 61.6943

■ 187.8650,
-48.7404, 46.5994

■ 162.6340,
-71.7976, 68.7270

■ 195.8840,
-40.8618, 39.5667

■ 156.5870,
-77.1974, 74.0302

■ 204.4900,
-33.2726, 32.0193

■ 213.0960,
-25.6833, 24.4718

■ 221.8160,
-17.6573, 16.8244

■ 229.8350, -9.7787,
9.7917

■ 238.4410, -2.1894,
2.2442

■ 246.7050, 4.0894,
-5.0033

■ 250.8140, 2.0637,
-8.6069

Harmonies

Analogous

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



174.2760, -35.1391, 70.7949



179.2590, -56.3297, 54.1469



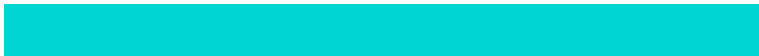
174.5820, -56.4889, 11.7676

Triad

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



179.2590, -56.3297, 54.1469



149.1990, 30.9609, -130.8475



187.9170, 33.0719, 32.5218

Complementary

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



179.2590, -56.3297, 54.1469



126.7410, 56.3297, -54.1469

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.



173.6000, 40.1302, -38.2372



179.2590, -56.3297, 54.1469



151.7530, 50.9008, -133.0874

Square

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



179.2590, -56.3297, 54.1469



141.0710, 4.8950, -123.7193



145.8830, 53.7947, -127.9394



180.2280, 18.1286, 65.5750

Rectangle

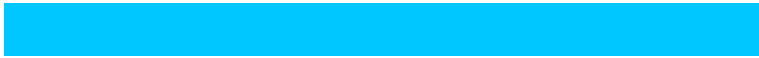
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



179.2590, -56.3297, 54.1469



170.2880, -44.0190, -21.3006



145.8830, 53.7947, -127.9394



184.8390, 34.5894, 12.4192

Sweetspot

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



179.2590, -56.3297, 54.1469



235.1150, -17.8047, 17.4391



125.9460, 5.9426, 100.9024



115.9060, -10.7997, 10.6064



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.



179.2590, -56.3297, 54.1469



176.0470, -71.5082, 69.2418



216.4510, -74.6653, 8.3745



115.6970, -3.7946, 3.7737



119.5860, -58.9559, 56.4911



36.1150, -17.8047, 17.4391

Inverse Universe

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



126.7410, 56.3297, -54.1469



109.3660, 71.7976, -68.7270



89.5490, 74.6653, -8.3745



112.3030, 3.7946, -3.7737



64.4140, 58.9559, -56.4911



19.8850, 17.8047, -17.4391

Previews

White Background



This preview shows how the YUV color 179.2590, -56.3297, 54.1469 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 179.2590, -56.3297, 54.1469 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 179.2590, -56.3297, 54.1469

Background



This preview shows how black text looks on a background with the YUV color 179.2590, -56.3297, 54.1469.



This preview shows how white text looks on a background with the YUV color 179.2590, -56.3297, 54.1469.

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

179.2590, -56.3297, 54.1469

Protanopia

178.0550, -53.7641, 24.5078

Deuteranopia

178.6770, -57.0288, 45.0103



Tritanopia

186.9790, -7.8776, 53.5154

Trichromacy



Original Color

179.2590, -56.3297, 54.1469

Protanomaly

178.8930, -54.6702, 35.1738

Deuteranomaly

178.8130, -56.6028, 48.3990

Tritanomaly

183.9840, -25.6281, 53.5110

Monochromacy



Original Color

179.2590, -56.3297, 54.1469

Achromatopsia

179.0000, 0.0000, 0.0000

Achromatomaly

179.4420, -20.4309, 19.7834

CSS Examples

Text

The CSS property to change the color of the text to YUV 179.2590, -56.3297, 54.1469 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(241, 170, 65)` looks like.

```
.text, #text, p{  
    color:rgb(241, 170, 65)  
}
```

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(241, 170, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 170, 65) }
```

Border

The CSS property to change the border of an element to YUV 179.2590, -56.3297, 54.1469 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(241, 170, 65) }
```


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

```
.border{ border-color:rgb(241, 170, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 170, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 170, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 170, 65);  
box-shadow:4px 4px 4px 4px rgb(241, 170,  
65) }
```

Background

The CSS property to change the background color of an element to YUV 179.2590, -56.3297, 54.1469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 170, 65) }
```

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

```
.background{ background-color: rgb(241,  
170, 65) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor