

Converting Colors

YUV(179.5010, -63.3510,
66.2126)

Have a look what the booklet for
YUV(179.5010, -63.3510, 66.2126)
contains.

YUV(179.5010, -63.3510, 66.2126)	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(179.5010, -63.3510,
66.2126)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA633
RGB	255, 166, 51
RGB Percent	100%, 65%, 20%
CMY	0.0000, 0.3490, 0.8000
CMYK	0.00, 0.35, 0.80, 0.00
HSL	34°, 100%, 60%
HSV	34°, 80%, 100%
XYZ	55.4738, 48.7715, 9.6220
YIQ	179.5010, 89.9590, -16.8970

Conversions

Conversions Part 2

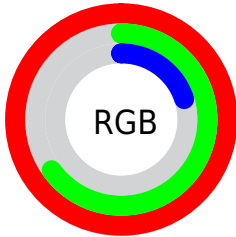
Format	Color
R _Y B	209, 255, 51
Decimal	16754227
CIE Lab	75.31, 24.28, 68.35
CIE LCh	75, 72.529, 70.445
Yxy	48.7715, 0.4872, 0.4283
Android (android.graphics.Color)	4294944307 (0xFFFFA633)
YUV	179.5010, -63.3510, 66.2126
Hunter-Lab	69.8366, 19.5752, 40.7167

Details

The YUV color **179.5010, -63.3510, 66.2126** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **126.4990, 63.3510, -66.2126**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.0560, -55.2436, 32.3999**, and **124.6250, -61.4401, 59.9649** is the 20% darker color. If you saturate the color by 10%, you get **170.0800, -71.5244, 74.4748**, and if you desaturate by 10%, it is **188.9220, -55.1775, 57.9504**.

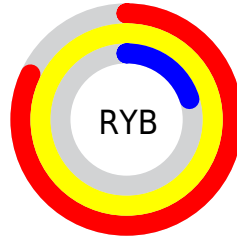
Distribution



Red (100%)

Green (65%)

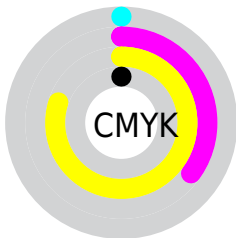
Blue (20%)



Red (82%)

Yellow (100%)

Blue (20%)

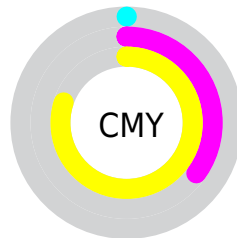


Cyan (0%)

Magenta (35%)

Yellow (80%)

Black (0%)



Cyan (0%)

Magenta (35%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 179.5010, -63.3510, 66.2126 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 179.5010, -63.3510, 66.2126 by changing the saturation by 10% instead.

179.5010,
-63.3510, 66.2126

179.5010,
-63.3510, 66.2126

255.0000, 0.0000,
0.0000

150.9800,
-66.5451, 64.0385

218.0560,
-55.2436, 32.3999

124.6250,
-61.4401, 59.9649

238.2710,
-51.4056, 14.6713

100.6810,
-49.6357, 53.7768

244.3980,
-40.6222, 9.2980

77.6230, -38.2681,
47.6886

247.5900,
-28.3919, 6.4986

56.0380, -27.6267,
41.1857

250.8960,
-15.7247, 3.5992

33.8660, -16.6959,
35.1975

254.2020, -3.0576,

14.3520, -7.0755,

0.6998

29.5093

■ 3.2890, -1.6215,
6.7625

■ 0.0000, 0.0000,
0.0000

■ 179.5010,
-63.3510, 66.2126

■ 179.5010,
-63.3510, 66.2126

■ 170.0800,
-71.5244, 74.4748

■ 188.9220,
-55.1775, 57.9504

■ 160.7730,
-79.2611, 82.6371

■ 198.2290,
-47.4409, 49.7882

■ 207.6500,
-39.2675, 41.5259

■ 217.5440,
-31.8202, 32.8489

■ 226.9650,
-23.6467, 24.5867

■ 236.2720,
-15.9101, 16.4245

■ 245.6930, -7.7366,
8.1622

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



169.4660, -33.2607, 75.0133



179.5010, -63.3510, 66.2126



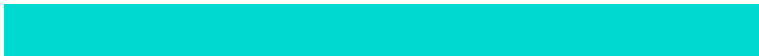
174.6080, -69.3197, 20.5148

Triad

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



179.5010, -63.3510, 66.2126



151.0910, 28.0561, -132.5068



186.7100, 33.6670, 28.3183

Complementary

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



179.5010, -63.3510, 66.2126



126.4990, 63.3510, -66.2126

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.



163.6780, 45.0217, -67.2466



179.5010, -63.3510, 66.2126



155.2750, 49.1644, -136.1762

Square

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



179.5010, -63.3510, 66.2126



141.3500, -1.6515, -123.9639



149.4050, 52.0583, -131.0282



179.0030, 26.1275, 66.6494

Rectangle

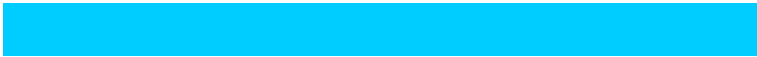
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



179.5010, -63.3510, 66.2126



170.0470, -55.2392, -15.8272



149.4050, 52.0583, -131.0282



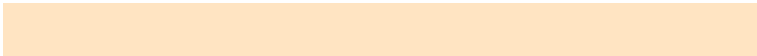
182.7130, 35.6375, 2.8827

Sweetspot

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



179.5010, -63.3510, 66.2126



232.1970, -18.8311, 19.9982



122.4840, 10.1144, 116.2165



113.8030, -11.2419, 12.4508



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.



179.5010, -63.3510, 66.2126



164.2610, -76.0507, 79.5781



228.7540, -87.6327, 14.2477



122.9960, -3.9420, 4.3885



120.5050, -59.4090, 61.8241



40.2680, -19.8521, 20.8130

Inverse Universe

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



126.4990, 63.3510, -66.2126



100.7390, 76.0507, -79.5781



77.2460, 87.6327, -14.2477



119.4170, 4.2314, -3.8737



70.4950, 59.4090, -61.8241



23.7320, 19.8521, -20.8130

Previews

White Background



This preview shows how the YUV color 179.5010, -63.3510, 66.2126 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 179.5010, -63.3510, 66.2126 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 179.5010, -63.3510, 66.2126 Background



This preview shows how black text looks on a background with the YUV color 179.5010, -63.3510, 66.2126.



This preview shows how white text looks on a background with the YUV color 179.5010, -63.3510,

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

179.5010, -63.3510, 66.2126

Protanopia

177.7580, -60.0267, 26.5222

Deuteranopia

178.6360, -64.8965, 48.5542



Tritanopia

188.2570, -9.4937, 58.5336

Trichromacy



Original Color

179.5010, -63.3510, 66.2126

Protanomaly

178.5040, -61.3805, 40.7770

Deuteranomaly

178.7940, -64.4814, 55.4317

Tritanomaly

185.1160, -29.1442, 61.2883

Monochromacy



Original Color

179.5010, -63.3510, 66.2126

Achromatopsia

180.0000, 0.0000, 0.0000

Achromatomaly

179.7800, -23.0625, 23.8719

CSS Examples

Text

The CSS property to change the color of the text to YUV 179.5010, -63.3510, 66.2126 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(255, 166, 51)` looks like.

```
.text, #text, p{  
    color:rgb(255, 166, 51)  
}
```

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(255, 166, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 166, 51) }
```

Border

The CSS property to change the border of an element to YUV 179.5010, -63.3510, 66.2126 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(255, 166, 51) }
```


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

```
.border{ border-color:rgb(255, 166, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 166, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 166, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 166, 51);  
box-shadow:4px 4px 4px 4px rgb(255, 166,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 179.5010, -63.3510, 66.2126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 166, 51) }
```

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

```
.background{ background-color: rgb(255,  
166, 51) }
```

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