

Converting Colors

YUV(176.9920, -51.2681,
64.0280)

Have a look what the booklet for
YUV(176.9920, -51.2681, 64.0280)
contains.

YUV(176.9920, -51.2681, 64.0280)	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(176.9920, -51.2681,
64.0280)**

Conversions

Conversions Part 1

Format	Color
Hex	FAA049
RGB	250, 160, 73
RGB Percent	98%, 63%, 29%
CMY	0.0196, 0.3725, 0.7137
CMYK	0.00, 0.36, 0.71, 0.02
HSL	29°, 95%, 63%
HSV	29°, 71%, 98%
XYZ	53.1977, 45.9466, 12.3681
YIQ	176.9920, 81.5670, -7.9770

Conversions

Conversions Part 2

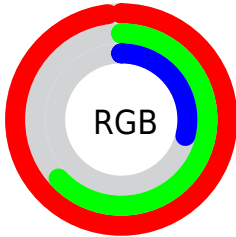
Format	Color
R_{YB}	250, 244, 73
Decimal	16425033
CIE _{Lab}	73.51, 26.23, 57.47
CIE _{LCh}	74, 63.173, 65.466
Yxy	45.9466, 0.4771, 0.4120
Android (android.graphics.Color)	4294615113 (0xFFFAA049)
YUV	176.9920, -51.2681, 64.0280
Hunter-Lab	67.7840, 21.4672, 36.6305

Details

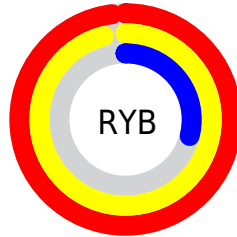
The YUV color **176.9920, -51.2681, 64.0280** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **146.0080, 51.2681, -64.0280**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.7000, -45.2081, 33.5891**, and **121.5460, -51.5412, 58.2802** is the 20% darker color. If you saturate the color by 10%, you get **166.5110, -58.4259, 73.2199**, and if you desaturate by 10%, it is **187.4730, -44.1102, 54.8362**.

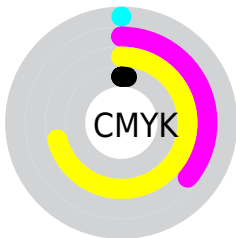
Distribution



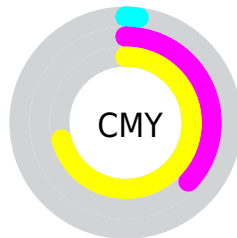
- Red (98%)
- Green (63%)
- Blue (29%)



- Red (98%)
- Yellow (96%)
- Blue (29%)



- Cyan (0%)
- Magenta (36%)
- Yellow (71%)
- Black (2%)



- Cyan (2%)
- Magenta (37%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.9920, -51.2681, 64.0280 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 176.9920, -51.2681, 64.0280 by changing the saturation by 10% instead.

176.9920,
-51.2681, 64.0280

176.9920,
-51.2681, 64.0280

255.0000, 0.0000,
0.0000

149.4970,
-50.5310, 60.9541

216.7000,
-45.2081, 33.5891

121.5460,
-51.5412, 58.2802

236.8010,
-41.8069, 15.9605

95.9630, -47.3098,
54.4064

246.4500,
-32.7599, 7.4983

73.7910, -36.3790,
48.4183

249.6420,
-20.5295, 4.6990

51.6190, -25.4482,
42.4301

252.9480, -7.8624,
1.7996

29.4470, -14.5174,
36.4420

13.7540, -6.7807,

28.2797

■ 0.0000, 0.0000,
0.0000

■ 176.9920,
-51.2681, 64.0280

■ 176.9920,
-51.2681, 64.0280

■ 166.5110,
-58.4259, 73.2199

■ 187.4730,
-44.1102, 54.8362

■ 156.6170,
-65.8732, 81.8969

■ 197.3670,
-36.6629, 46.1591

■ 146.9510,
-72.4468, 90.3740

■ 207.8480,
-29.5051, 36.9673

■ 218.3290,
-22.3472, 27.7755

■ 228.8100,
-15.1893, 18.5836

■ 238.7040, -7.7421,
9.9066

■ 249.1850, -0.5842,
0.7148

■ 253.5050, 0.7370,
-3.0739

Harmonies

Analogous

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



170.4750, -26.8562, 74.1284



176.9920, -51.2681, 64.0280



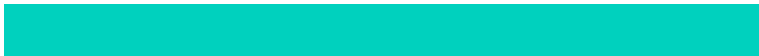
173.0290, -57.6953, 25.4076

Triad

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



176.9920, -51.2681, 64.0280



144.3430, 22.5089, -126.5888



182.4800, 35.7524, 12.7340

Complementary

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



176.9920, -51.2681, 64.0280



146.0080, 51.2681, -64.0280

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.



160.9980, 46.3430, -71.0352



176.9920, -51.2681, 64.0280



149.5530, 47.5484, -131.1580

Square

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



176.9920, -51.2681, 64.0280



147.7130, -8.7325, -92.7103



145.8830, 53.7947, -127.9394



183.4710, 22.9388, 62.7309

Rectangle

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



176.9920, -51.2681, 64.0280



169.1930, -49.8881, -5.4313



145.8830, 53.7947, -127.9394



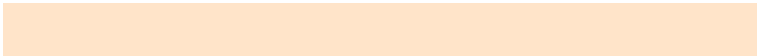
178.2060, 37.8594, -9.8277

Sweetspot

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



176.9920, -51.2681, 64.0280



232.9950, -15.7735, 19.2984



136.2970, 13.6576, 99.7175



114.3730, -9.0579, 11.9509



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.



176.9920, -51.2681, 64.0280



165.6920, -62.9522, 78.3231



228.0610, -76.4451, 19.2405



119.9960, -3.9420, 4.3885



111.1020, -54.7733, 68.3165



35.8490, -17.6736, 22.0574

Inverse Universe

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



146.0080, 51.2681, -64.0280



127.3080, 62.9522, -78.3231



94.9390, 76.4451, -19.2405



117.5910, 3.6526, -4.9033



77.8980, 54.7733, -68.3165



25.1510, 17.6736, -22.0574

Previews

White Background



This preview shows how the YUV color 176.9920, -51.2681, 64.0280 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 176.9920, -51.2681, 64.0280 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 176.9920, -51.2681, 64.0280

Background



This preview shows how black text looks on a background with the YUV color 176.9920, -51.2681, 64.0280.



This preview shows how white text looks on a background with the YUV color 176.9920, -51.2681,

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

176.9920, -51.2681, 64.0280

Protanopia

175.3520, -47.5015, 22.4933

Deuteranopia

176.2190, -52.3660, 42.7809



Tritanopia

183.3500, -10.5255, 62.8371

Trichromacy



Original Color

176.9920, -51.2681, 64.0280

Protanomaly

175.8100, -48.7133, 37.8776

Deuteranomaly

176.6760, -52.0983, 50.2731

Tritanomaly

180.8650, -25.0764, 63.2624

Monochromacy



Original Color

176.9920, -51.2681, 64.0280

Achromatopsia

177.0000, 0.0000, 0.0000

Achromatomaly

177.2190, -18.8420, 23.4869

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.9920, -51.2681, 64.0280 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(250, 160, 73)` looks like.

```
.text, #text, p{  
    color:rgb(250, 160, 73)  
}
```

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(250, 160, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 160, 73) }
```

Border

The CSS property to change the border of an element to YUV 176.9920, -51.2681, 64.0280 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(250, 160, 73) }
```


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

```
.border{ border-color:rgb(250, 160, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 160, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 160, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 160, 73);  
box-shadow:4px 4px 4px 4px rgb(250, 160,  
73) }
```

Background

The CSS property to change the background color of an element to YUV 176.9920, -51.2681, 64.0280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 160, 73) }
```

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

```
.background{ background-color: rgb(250,  
160, 73) }
```

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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