

Converting Colors

YUV(180.8920, -63.0508,
63.2387)

Have a look what the booklet for
YUV(180.8920, -63.0508, 63.2387)
contains.

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Color

**YUV(180.8920, -63.0508,
63.2387)**

Conversions

Conversions Part 1

Format	Color
Hex	FDA935
RGB	253, 169, 53
RGB Percent	99%, 66%, 21%
CMY	0.0078, 0.3373, 0.7922
CMYK	0.00, 0.33, 0.79, 0.01
HSL	35°, 98%, 60%
HSV	35°, 79%, 99%
XYZ	55.3386, 49.5156, 10.0090
YIQ	180.8920, 87.3000, -18.2680

Conversions

Conversions Part 2

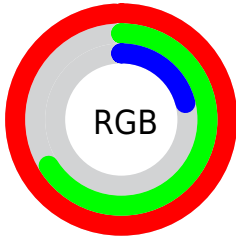
Format	Color
R _Y B	198, 253, 53
Decimal	16623925
CIE Lab	75.77, 21.95, 67.96
CIE LCh	76, 71.419, 72.105
Yxy	49.5156, 0.4818, 0.4311
Android (android.graphics.Color)	4294814005 (0xFFFDA935)
YUV	180.8920, -63.0508, 63.2387
Hunter-Lab	70.3673, 17.2339, 40.8238

Details

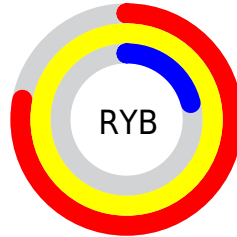
The YUV color **180.8920, -63.0508, 63.2387** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **125.1080, 63.0508, -63.2387**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.0450, -55.2382, 30.6555**, and **125.7880, -62.0135, 57.1909** is the 20% darker color. If you saturate the color by 10%, you get **171.5850, -70.7874, 71.4010**, and if you desaturate by 10%, it is **190.1990, -55.3141, 55.0765**.

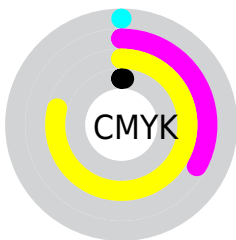
Distribution



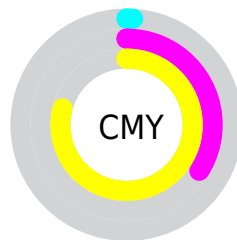
- Red (99%)
- Green (66%)
- Blue (21%)



- Red (78%)
- Yellow (99%)
- Blue (21%)



- Cyan (0%)
- Magenta (33%)
- Yellow (79%)
- Black (1%)



- Cyan (1%)
- Magenta (34%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.8920, -63.0508, 63.2387 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 180.8920, -63.0508, 63.2387 by changing the saturation by 10% instead.

180.8920,
-63.0508, 63.2387

180.8920,
-63.0508, 63.2387

255.0000, 0.0000,
0.0000

152.5990,
-65.3713, 60.8647

220.0450,
-55.2382, 30.6555

125.7880,
-62.0135, 57.1909

240.2600,
-51.4002, 12.9270

101.8440,
-50.2091, 51.0028

244.5120,
-40.1854, 9.1980

79.0850, -38.9889,
45.5295

247.8180,
-27.5183, 6.2986

57.2010, -28.2001,
38.4117

251.1240,
-14.8511, 3.3993

35.9150, -17.7061,
32.5235

254.4300, -2.1840,

15.2270, -7.5069,

0.4999

27.8649

■ 2.9900, -1.4741,
6.1478

■ 0.0000, 0.0000,
0.0000

■ 180.8920,
-63.0508, 63.2387

■ 180.8920,
-63.0508, 63.2387

■ 171.5850,
-70.7874, 71.4010

■ 190.1990,
-55.3141, 55.0765

■ 162.7510,
-79.2502, 79.1484

■ 199.0330,
-46.8513, 47.3291

■ 161.9360,
-79.8344, 79.8631

■ 208.3400,
-39.1146, 39.1668

■ 217.6470,
-31.3780, 31.0046

■ 226.4810,
-22.9151, 23.2572

■ 235.7880,
-15.1785, 15.0949

■ 244.5080, -7.1524,
7.4475

253.8150, 0.5842,
-0.7148

254.4020, 0.2948,
-1.2296

Harmonies

Analogous

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



171.1130, -34.5657, 73.5689



180.8920, -63.0508, 63.2387



175.9820, -66.5461, 17.5558

Triad

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



180.8920, -63.0508, 63.2387



152.1340, 29.5139, -133.4215



188.7920, 32.6405, 30.8774

Complementary

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



180.8920, -63.0508, 63.2387



125.1080, 63.0508, -63.2387

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.



168.7610, 42.5158, -56.7954



180.8920, -63.0508, 63.2387



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.



180.8920, -63.0508, 63.2387



143.2080, 0.3905, -125.5934



149.4050, 52.0583, -131.0282



179.2480, 24.5277, 66.4345

Rectangle

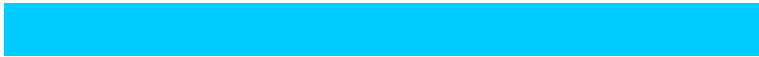
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



180.8920, -63.0508, 63.2387



171.1220, -52.3181, -19.4010



149.4050, 52.0583, -131.0282



185.1050, 34.4582, 7.8009

Sweetspot

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



180.8920, -63.0508, 63.2387



232.7840, -19.1205, 19.4834



122.7180, 8.5200, 114.2573



114.3900, -11.5313, 11.9360



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.



180.8920, -63.0508, 63.2387



167.5380, -76.1872, 76.7042



226.3130, -85.4433, 12.0035



122.9960, -3.9420, 4.3885



122.2660, -60.2771, 60.2797



40.8550, -20.1415, 20.2982

Inverse Universe

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



125.1080, 63.0508, -63.2387



99.8750, 76.4766, -76.1894



79.6870, 85.4433, -12.0035



119.4170, 4.2314, -3.8737



68.7340, 60.2771, -60.2797



23.1450, 20.1415, -20.2982

Previews

White Background



This preview shows how the YUV color 180.8920, -63.0508, 63.2387 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 180.8920, -63.0508, 63.2387 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 180.8920, -63.0508, 63.2387 Background



This preview shows how black text looks on a background with the YUV color 180.8920, -63.0508, 63.2387.



This preview shows how white text looks on a background with the YUV color 180.8920, -63.0508,

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

180.8920, -63.0508, 63.2387

Protanopia

179.7580, -60.0267, 26.5222

Deuteranopia

180.4510, -64.3123, 47.8395



Tritanopia

189.6590, -9.1989, 57.3041

Trichromacy



Original Color

180.8920, -63.0508, 63.2387

Protanomaly

180.2050, -61.2331, 40.1622

Deuteranomaly

180.8970, -64.0392, 53.5873

Tritanomaly

186.2190, -28.7020, 59.4439

Monochromacy



Original Color

180.8920, -63.0508, 63.2387

Achromatopsia

181.0000, 0.0000, 0.0000

Achromatomaly

181.0680, -23.2045, 22.7424

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.8920, -63.0508, 63.2387 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(253, 169, 53)` looks like.

```
.text, #text, p{  
    color:rgb(253, 169, 53)  
}
```

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(253, 169, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 169, 53) }
```

Border

The CSS property to change the border of an element to YUV 180.8920, -63.0508, 63.2387 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(253, 169, 53) }
```


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

```
.border{ border-color:rgb(253, 169, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 169, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 169, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 169, 53);  
box-shadow:4px 4px 4px 4px rgb(253, 169,  
53) }
```

Background

The CSS property to change the background color of an element to YUV 180.8920, -63.0508, 63.2387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 169, 53) }
```

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

```
.background{ background-color: rgb(253,  
169, 53) }
```

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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