

Converting Colors

YUV(187.7750, -55.5981,
52.8173)

Have a look what the booklet for
YUV(187.7750, -55.5981, 52.8173)
contains.

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Color

**YUV(187.7750, -55.5981,
52.8173)**

Conversions

Conversions Part 1

Format	Color
Hex	F8B34B
RGB	248, 179, 75
RGB Percent	97%, 70%, 29%
CMY	0.0275, 0.2980, 0.7059
CMYK	0.00, 0.28, 0.70, 0.03
HSL	36°, 93%, 63%
HSV	36°, 70%, 97%
XYZ	56.1015, 52.7047, 13.8728
YIQ	187.7750, 74.5080, -17.7160

Conversions

Conversions Part 2

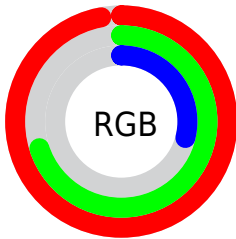
Format	Color
RYB	190, 248, 75
Decimal	16298827
CIELab	77.70, 15.54, 60.91
CIELCh	78, 62.864, 75.689
Yxy	52.7047, 0.4573, 0.4296
Android (android.graphics.Color)	4294488907 (0xFFFF8B34B)
YUV	187.7750, -55.5981, 52.8173
Hunter-Lab	72.5980, 10.8929, 39.4888

Details

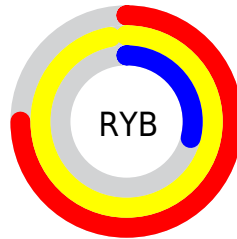
The YUV color **187.7750, -55.5981, 52.8173** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light washed orange. A complement of this color would be **135.2250, 55.5981, -52.8173**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.7820, -49.6855, 22.9932**, and **131.6990, -57.0396, 48.4990** is the 20% darker color. If you saturate the color by 10%, you get **179.0550, -63.6241, 60.4648**, and if you desaturate by 10%, it is **196.4950, -47.5720, 45.1699**.

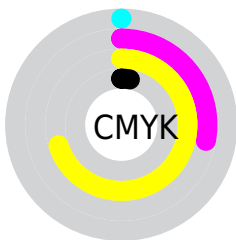
Distribution



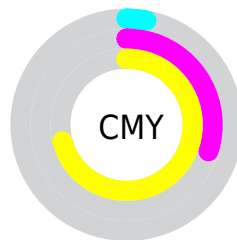
- Red (97%)
- Green (70%)
- Blue (29%)



- Red (75%)
- Yellow (97%)
- Blue (29%)



- Cyan (0%)
- Magenta (28%)
- Yellow (70%)
- Black (3%)



- Cyan (3%)
- Magenta (30%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.7750, -55.5981, 52.8173 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 187.7750, -55.5981, 52.8173 by changing the saturation by 10% instead.

187.7750,
-55.5981, 52.8173

187.7750,
-55.5981, 52.8173

255.0000, 0.0000,
0.0000

159.5790,
-55.0084, 50.3582

228.7820,
-49.6855, 22.9932

131.6990,
-57.0396, 48.4990

243.7140,
-43.2430, 9.8978

106.2300,
-52.3714, 44.5253

246.9060,
-31.0127, 7.0984

83.4710, -41.1512,
39.0519

250.0980,
-18.7823, 4.2991

62.1850, -30.6572,
33.1638

253.4040, -6.1152,
1.3997

40.8990, -20.1632,
27.2756

21.3850, -10.5428,

21.5874

■ 4.1860, -2.0637,
8.6069

■ 0.0000, 0.0000,
0.0000

■ 187.7750,
-55.5981, 52.8173

■ 187.7750,
-55.5981, 52.8173

■ 179.0550,
-63.6241, 60.4648

■ 196.4950,
-47.5720, 45.1699

■ 170.3350,
-71.6502, 68.1122

■ 205.2150,
-39.5460, 37.5224

■ 161.7290,
-79.2394, 75.6597

■ 213.8210,
-31.9568, 29.9750

■ 161.6150,
-79.6762, 75.7596

■ 222.5410,
-23.9307, 22.3275

230.6740,
-15.6153, 15.1949

239.3940, -7.5892,
7.5475

248.1140, 0.4368,
-0.1000

252.9070, 1.0318,
-4.3034

Harmonies

Analogous

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



181.0580, -34.5386, 64.8471



187.7750, -55.5981, 52.8173



182.7390, -54.5943, 10.7529

Triad

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



187.7750, -55.5981, 52.8173



155.0350, 33.0137, -135.9657



195.6030, 29.2827, 34.5512

Complementary

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



187.7750, -55.5981, 52.8173



135.2250, 55.5981, -52.8173

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.



182.7810, 35.6040, -33.1339



187.7750, -55.5981, 52.8173



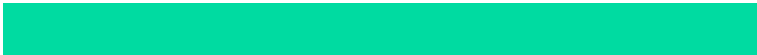
156.4490, 48.5856, -137.2058

Square

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



187.7750, -55.5981, 52.8173



146.9070, 6.9478, -128.8374



149.9920, 51.7689, -131.5430



186.0810, 17.7081, 60.4420

Rectangle

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



187.7750, -55.5981, 52.8173



178.3310, -42.5612, -22.2153



149.9920, 51.7689, -131.5430



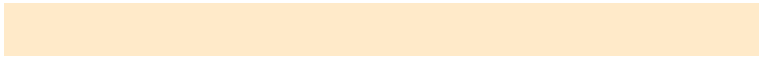
192.8240, 30.6528, 15.0634

Sweetspot

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



187.7750, -55.5981, 52.8173



236.5170, -17.5099, 16.2096



134.5930, 4.6377, 99.4579



116.7210, -10.2155, 9.8917



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.



187.7750, -55.5981, 52.8173



180.7090, -68.8765, 65.1532



223.1950, -73.0601, 6.8450



120.5830, -4.2314, 3.8737



122.8420, -60.5611, 58.0206



39.9580, -19.6993, 18.4538

Inverse Universe

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



135.2250, 55.5981, -52.8173



115.2910, 68.8765, -65.1532



99.8050, 73.0601, -6.8450



116.4170, 4.2314, -3.8737



65.5710, 60.8505, -57.5058



21.0420, 19.6993, -18.4538

Previews

White Background



This preview shows how the YUV color 187.7750, -55.5981, 52.8173 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 187.7750, -55.5981, 52.8173 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 187.7750, -55.5981, 52.8173

Background



This preview shows how black text looks on a background with the YUV color 187.7750, -55.5981, 52.8173.



This preview shows how white text looks on a background with the YUV color 187.7750, -55.5981, 52.8173.

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

187.7750, -55.5981, 52.8173

Protanopia

186.2830, -52.8905, 24.3078

Deuteranopia

187.6170, -56.0132, 45.9399



Tritanopia

195.4950, -7.1460, 52.1859

Trichromacy



Original Color

187.7750, -55.5981, 52.8173

Protanomaly

186.8220, -53.6492, 34.3591

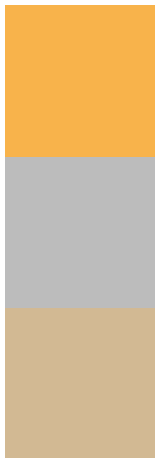
Deuteranomaly

187.9270, -56.1660, 48.2990

Tritanomaly

192.5000, -24.8965, 52.1815

Monochromacy



Original Color

187.7750, -55.5981, 52.8173

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.1430, -20.2835, 19.1686

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.7750, -55.5981, 52.8173 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(248, 179, 75)` looks like.

```
.text, #text, p{  
    color:rgb(248, 179, 75)  
}
```

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(248, 179, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 179, 75) }
```

Border

The CSS property to change the border of an element to YUV 187.7750, -55.5981, 52.8173 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(248, 179, 75) }
```


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

```
.border{ border-color:rgb(248, 179, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 179, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 179, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 179, 75);  
box-shadow:4px 4px 4px 4px rgb(248, 179,  
75) }
```

Background

The CSS property to change the background color of an element to YUV 187.7750, -55.5981, 52.8173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 179, 75) }
```

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

```
.background{ background-color: rgb(248,  
179, 75) }
```

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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