

Converting Colors

YUV(190.7920, -37.8585,
56.3104)

Have a look what the booklet for
YUV(190.7920, -37.8585, 56.3104)
contains.

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Color

**YUV(190.7920, -37.8585,
56.3104)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAD72
RGB	255, 173, 114
RGB Percent	100%, 68%, 45%
CMY	0.0000, 0.3216, 0.5529
CMYK	0.00, 0.32, 0.55, 0.00
HSL	25°, 100%, 72%
HSV	25°, 55%, 100%
XYZ	59.2208, 52.3620, 22.9052
YIQ	190.7920, 67.8110, -0.9650

Conversions

Conversions Part 2

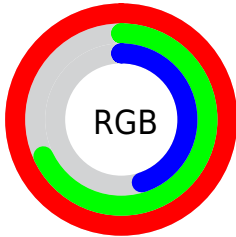
Format	Color
R _Y B	255, 215, 114
Decimal	16756082
CIE Lab	77.50, 24.05, 42.25
CIE LCh	77, 48.619, 60.353
Yxy	52.3620, 0.4403, 0.3893
Android (android.graphics.Color)	4294946162 (0xFFFFAD72)
YUV	190.7920, -37.8585, 56.3104
Hunter-Lab	72.3616, 19.4518, 31.8856

Details

The YUV color **190.7920, -37.8585, 56.3104** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **178.2080, 37.8585, -56.3104**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.7060, -30.9141, 22.1828**, and **136.0410, -35.5162, 51.7070** is the 20% darker color. If you saturate the color by 10%, you get **179.1370, -44.4375, 66.5319**, and if you desaturate by 10%, it is **202.5610, -30.8426, 45.9890**.

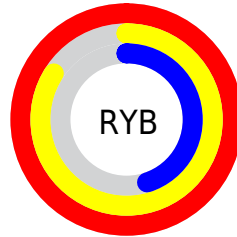
Distribution



Red (100%)

Green (68%)

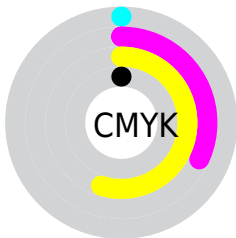
Blue (45%)



Red (100%)

Yellow (84%)

Blue (45%)

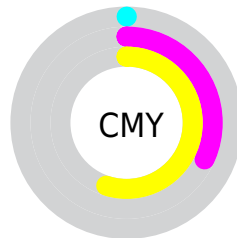


Cyan (0%)

Magenta (32%)

Yellow (55%)

Black (0%)



Cyan (0%)

Magenta (32%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.7920, -37.8585, 56.3104 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 190.7920, -37.8585, 56.3104 by changing the saturation by 10% instead.

190.7920,
-37.8585, 56.3104

190.7920,
-37.8585, 56.3104

255.0000, 0.0000,
0.0000

163.1230,
-36.5426, 54.2661

229.7060,
-30.9141, 22.1828

136.0410,
-35.5162, 51.7070

248.0460,
-26.6447, 6.0987

109.6600,
-34.3424, 48.5332

251.3520,
-13.9775, 3.1993

84.0510, -34.0421,
45.5593

254.5440, -1.7472,
0.3999

60.4680, -29.8107,
41.6856

38.5950, -19.0273,
36.3122

18.1950, -8.9701,

30.5240

■ 7.8880, -3.3958,
15.8842

■ 0.0000, 0.0000,
0.0000

■ 190.7920,
-37.8585, 56.3104

■ 190.7920,
-37.8585, 56.3104

■ 179.1370,
-44.4375, 66.5319

■ 202.5610,
-30.8426, 45.9890

■ 167.3680,
-51.4534, 76.8533

■ 214.2160,
-24.2635, 35.7676

■ 156.1860,
-58.7587, 86.6599

■ 225.3980,
-16.9582, 25.9610

■ 144.5310,
-65.3378, 96.8813

■ 237.0530,
-10.3791, 15.7395

139.0540,
-68.5536, 101.6846

248.8220, -3.3632,
5.4181

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.



186.4500, -18.9558, 60.1184



190.7920, -37.8585, 56.3104



187.8240, -43.2972, 27.3414

Triad

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



190.7920, -37.8585, 56.3104



153.3610, 18.5560, -118.7116



193.3340, 30.4013, 2.3381

Complementary

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



190.7920, -37.8585, 56.3104



178.2080, 37.8585, -56.3104

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.



179.7030, 37.1214, -53.2365



190.7920, -37.8585, 56.3104



152.5220, 41.1547, -133.7618

Square

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



190.7920, -37.8585, 56.3104



175.3700, -14.9724, -51.1905



151.1660, 51.1902, -132.5726



196.8510, 19.7935, 44.8577

Rectangle

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



190.7920, -37.8585, 56.3104



184.7070, -39.2956, 3.7650



151.1660, 51.1902, -132.5726



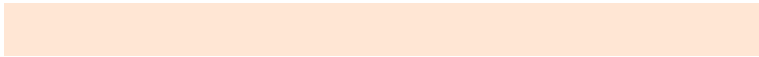
189.3920, 32.3447, -14.3758

Sweetspot

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



190.7920, -37.8585, 56.3104



235.4230, -11.5475, 17.1690



165.5070, 15.0330, 78.4854



116.2310, -7.0159, 10.3214



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.



190.7920, -37.8585, 56.3104



178.3220, -45.0217, 67.2466



231.8820, -58.1158, 20.2745



121.8220, -3.3632, 5.4181



104.0690, -51.3060, 76.2385



34.9850, -17.2476, 25.4462

Inverse Universe

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



178.2080, 37.8585, -56.3104



163.6780, 45.0217, -67.2466



137.1180, 58.1158, -20.2745



120.5910, 3.6526, -4.9033



86.9310, 51.3060, -76.2385



29.0150, 17.2476, -25.4462

Previews

White Background



This preview shows how the YUV color 190.7920, -37.8585, 56.3104 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 190.7920, -37.8585, 56.3104 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 190.7920, -37.8585, 56.3104 Background



This preview shows how black text looks on a background with the YUV color 190.7920, -37.8585, 56.3104.



This preview shows how white text looks on a background with the YUV color 190.7920, -37.8585,

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

190.7920, -37.8585, 56.3104

Protanopia

188.9890, -33.5186, 17.5496

Deuteranopia

189.8560, -38.3830, 37.8373



Tritanopia

195.2670, -8.0196, 52.3858

Trichromacy



Original Color

190.7920, -37.8585, 56.3104

Protanomaly

189.6210, -35.3092, 31.9044

Deuteranomaly

190.0140, -37.9679, 44.7147

Tritanomaly

193.7050, -19.0816, 53.7557

Monochromacy



Original Color

190.7920, -37.8585, 56.3104

Achromatopsia

191.0000, 0.0000, 0.0000

Achromatomaly

190.5760, -13.5950, 20.5428

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.7920, -37.8585, 56.3104 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, 173, 114)` looks like.

```
.text, #text, p{  
    color:rgb(255, 173, 114)  
}
```

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, 173, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 173, 114) }
```

Border

The CSS property to change the border of an element to YUV 190.7920, -37.8585, 56.3104 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, 173, 114) }
```


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

```
.border{ border-color:rgb(255, 173, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 173, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 173, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 173, 114);  
box-shadow:4px 4px 4px 4px rgb(255, 173,  
114) }
```

Background

The CSS property to change the background color of an element to YUV 190.7920, -37.8585, 56.3104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 173, 114) }
```

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

```
.background{ background-color: rgb(255,  
173, 114) }
```

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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