

Converting Colors

YUV(191.2240, -66.6654,
55.9316)

Have a look what the booklet for
YUV(191.2240, -66.6654, 55.9316)
contains.

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Color

**YUV(191.2240, -66.6654,
55.9316)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB938
RGB	255, 185, 56
RGB Percent	100%, 73%, 22%
CMY	0.0000, 0.2745, 0.7804
CMYK	0.00, 0.27, 0.78, 0.00
HSL	39°, 100%, 61%
HSV	39°, 78%, 100%
XYZ	59.3028, 56.2434, 11.4719
YIQ	191.2240, 83.1290, -25.2790

Conversions

Conversions Part 2

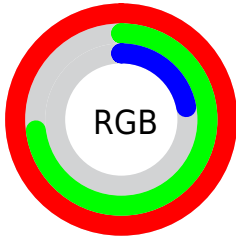
Format	Color
R_{YB}	164, 255, 56
Decimal	16759096
CIE _{Lab}	79.75, 14.53, 70.63
CIE _{LCh}	80, 72.107, 78.379
Yxy	56.2434, 0.4669, 0.4428
Android (android.graphics.Color)	4294949176 (0xFFFFB938)
YUV	191.2240, -66.6654, 55.9316
Hunter-Lab	74.9956, 9.9065, 43.4275

Details

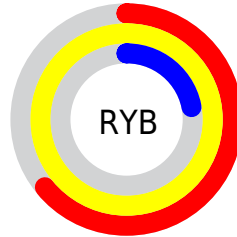
The YUV color **191.2240, -66.6654, 55.9316** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **119.7760, 66.6654, -55.9316**, and the grayscale version is **192.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.4800, -58.4106, 21.5040**, and **135.1910, -66.6492, 50.6985** is the 20% darker color. If you saturate the color by 10%, you get **182.9770, -75.4177, 63.1642**, and if you desaturate by 10%, it is **199.4710, -57.9132, 48.6989**.

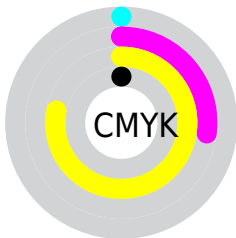
Distribution



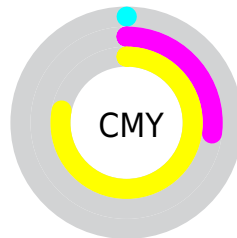
- Red (100%)
- Green (73%)
- Blue (22%)



- Red (64%)
- Yellow (100%)
- Blue (22%)



- Cyan (0%)
- Magenta (27%)
- Yellow (78%)
- Black (0%)



- Cyan (0%)
- Magenta (27%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 191.2240, -66.6654, 55.9316 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 191.2240, -66.6654, 55.9316 by changing the saturation by 10% instead.

191.2240,
-66.6654, 55.9316

191.2240,
-66.6654, 55.9316

255.0000, 0.0000,
0.0000

162.2300,
-69.1334, 54.1723

230.4800,
-58.4106, 21.5040

135.1910,
-66.6492, 50.6985

241.8900,
-50.2318, 11.4975

111.5460,
-54.9922, 45.1252

245.0820,
-38.0014, 8.6981

88.7870, -43.7720,
39.6518

248.3880,
-25.3343, 5.7987

66.3160, -32.6938,
33.0489

251.6940,
-12.6671, 2.8994

45.0300, -22.1998,
27.1607

25.5160, -12.5794,

21.4725

■ 8.1870, -3.5432,
16.4990

■ 0.0000, 0.0000,
0.0000

■ 191.2240,
-66.6654, 55.9316

■ 191.2240,
-66.6654, 55.9316

■ 182.9770,
-75.4177, 63.1642

■ 199.4710,
-57.9132, 48.6989

■ 174.8440,
-83.7331, 70.2968

■ 207.6040,
-49.5978, 41.5663

■ 173.1000,
-85.3383, 71.8263

■ 215.7370,
-41.2823, 34.4337

■ 223.9840,
-32.5301, 27.2010

■ 232.1170,
-24.2147, 20.0684

■ 240.3640,
-15.4625, 12.8358

■ 248.6110, -6.7102,
5.6032

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.



180.2770, -40.0696, 65.5321



191.2240, -66.6654, 55.9316



185.7140, -63.4560, 6.3898

Triad

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



191.2240, -66.6654, 55.9316



162.1420, 37.3980, -142.1985



199.8110, 27.2082, 46.6468

Complementary

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



191.2240, -66.6654, 55.9316



119.7760, 66.6654, -55.9316

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.



186.0370, 33.9988, -31.6044



191.2240, -66.6654, 55.9316



161.1450, 46.2705, -141.3242

Square

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



191.2240, -66.6654, 55.9316



152.9880, 7.4009, -134.1705



154.1010, 49.7432, -135.1466



183.1290, 21.6284, 63.0309

Rectangle

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



191.2240, -66.6654, 55.9316



179.8260, -46.7492, -32.2964



154.1010, 49.7432, -135.1466



197.3090, 28.4417, 24.2850

Sweetspot

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



191.2240, -66.6654, 55.9316



235.9470, -19.6939, 16.7095



123.8230, 2.5523, 115.0422



116.2650, -11.9626, 10.2916



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.



191.2240, -66.6654, 55.9316



178.3320, -80.5227, 67.2378



224.2410, -82.9428, 3.2966



123.5830, -4.2314, 3.8737



129.8970, -64.0392, 53.5873



43.2030, -21.2991, 18.2390

Inverse Universe

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



119.7760, 66.6654, -55.9316



92.2550, 80.2333, -67.7526



86.7590, 82.9428, -3.2966



118.8300, 4.5208, -3.3589



61.1030, 64.0392, -53.5873



20.2100, 21.5885, -17.7242

Previews

White Background



This preview shows how the YUV color 191.2240, -66.6654, 55.9316 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 191.2240, -66.6654, 55.9316 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 191.2240, -66.6654, 55.9316

Background



This preview shows how black text looks on a background with the YUV color 191.2240, -66.6654, 55.9316.



This preview shows how white text looks on a background with the YUV color 191.2240, -66.6654,

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

191.2240, -66.6654, 55.9316

Protanopia

189.3300, -64.2527, 28.6516

Deuteranopia

191.0770, -67.0860, 50.7985



Tritanopia

201.5760, -6.6930, 46.8528

Trichromacy



Original Color

191.2240, -66.6654, 55.9316

Protanomaly

189.8690, -65.0114, 38.7029

Deuteranomaly

191.0880, -67.0914, 52.5428

Tritanomaly

197.8650, -28.5274, 50.1074

Monochromacy



Original Color

191.2240, -66.6654, 55.9316

Achromatopsia

191.0000, 0.0000, 0.0000

Achromatomaly

191.1170, -24.2147, 20.0684

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.2240, -66.6654, 55.9316 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, 185, 56)` looks like.

```
.text, #text, p{  
    color:rgb(255, 185, 56)  
}
```

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, 185, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 185, 56) }
```

Border

The CSS property to change the border of an element to YUV 191.2240, -66.6654, 55.9316 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, 185, 56) }
```


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

```
.border{ border-color:rgb(255, 185, 56) }
```

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

Here you see how a box with a 4 pixel rgb(255, 185, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 185, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 185, 56);  
box-shadow:4px 4px 4px 4px rgb(255, 185,  
56) }
```

Background

The CSS property to change the background color of an element to YUV 191.2240, -66.6654, 55.9316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 185, 56) }
```

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

```
.background{ background-color: rgb(255,  
185, 56) }
```

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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