

Converting Colors

YUV(191.3190, -40.5833,
43.5702)

Have a look what the booklet for
YUV(191.3190, -40.5833, 43.5702)
contains.

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Color

**YUV(191.3190, -40.5833,
43.5702)**

Conversions

Conversions Part 1

Format	Color
Hex	F1B66D
RGB	241, 182, 109
RGB Percent	95%, 71%, 43%
CMY	0.0549, 0.2863, 0.5725
CMYK	0.00, 0.24, 0.55, 0.05
HSL	33°, 82%, 69%
HSV	33°, 55%, 95%
XYZ	55.7639, 53.2608, 21.8093
YIQ	191.3190, 58.5970, -10.1950

Conversions

Conversions Part 2

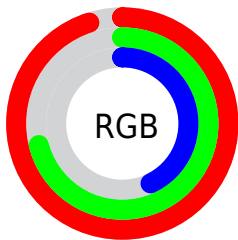
Format	Color
R_{YB}	216, 241, 109
Decimal	15840877
CIE _{Lab}	78.03, 13.28, 45.10
CIE _{LCh}	78, 47.014, 73.592
Yxy	53.2608, 0.4262, 0.4071
Android (android.graphics.Color)	4294030957 (0xFFFF1B66D)
YUV	191.3190, -40.5833, 43.5702
Hunter-Lab	72.9800, 8.6766, 33.3678

Details

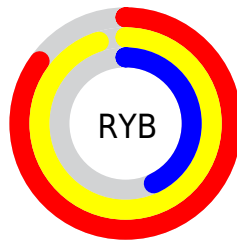
The YUV color **191.3190, -40.5833, 43.5702** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **158.6810, 40.5833, -43.5702**, and the grayscale version is **192.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.4190, -35.7026, 18.0495**, and **136.8670, -38.3884, 39.5816** is the 20% darker color. If you saturate the color by 10%, you get **182.1260, -47.8831, 51.6325**, and if you desaturate by 10%, it is **200.5120, -33.2834, 35.5080**.

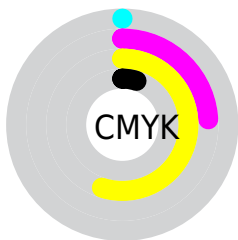
Distribution



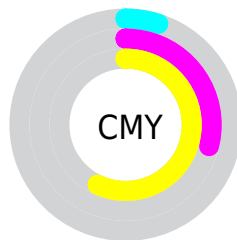
- Red (95%)
- Green (71%)
- Blue (43%)



- Red (85%)
- Yellow (95%)
- Blue (43%)



- Cyan (0%)
- Magenta (24%)
- Yellow (55%)
- Black (5%)



- Cyan (5%)
- Magenta (29%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 191.3190, -40.5833, 43.5702 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 191.3190, -40.5833, 43.5702 by changing the saturation by 10% instead.

191.3190,
-40.5833, 43.5702

191.3190,
-40.5833, 43.5702

255.0000, 0.0000,
0.0000

163.6500,
-39.2675, 41.5259

234.4190,
-35.7026, 18.0495

136.8670,
-38.3884, 39.5816

247.4760,
-28.8287, 6.5985

110.6710,
-37.7988, 37.1225

250.7820,
-16.1615, 3.6992

84.9050, -39.3932,
35.1633

253.9740, -3.9312,
0.8998

62.7610, -30.9412,
30.9046

41.4750, -20.4472,
25.0164

21.9610, -10.8268,

19.3282

■ 3.5880, -1.7689,
7.3773

■ 0.0000, 0.0000,
0.0000

■ 191.3190,
-40.5833, 43.5702

■ 191.3190,
-40.5833, 43.5702

■ 182.1260,
-47.8831, 51.6325

■ 200.5120,
-33.2834, 35.5080

■ 172.9330,
-55.1830, 59.6948

■ 209.7050,
-25.9836, 27.4457

■ 164.3270,
-62.7722, 67.2422

■ 218.3110,
-18.3943, 19.8983

■ 155.1340,
-70.0721, 75.3045

■ 227.5040,
-11.0945, 11.8360

150.1300,
-74.0141, 79.6930

236.6970, -3.7946,
3.7737

246.0040, 3.9420,
-4.3885

250.8140, 2.0637,
-8.6069

Harmonies

Analogous

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



189.6640, -26.9494, 57.2997



191.3190, -40.5833, 43.5702



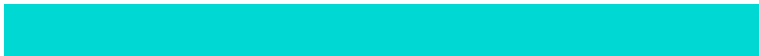
187.8220, -40.3382, 11.5571

Triad

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



191.3190, -40.5833, 43.5702



150.9600, 30.0927, -132.3919



197.8850, 28.1577, 22.0259

Complementary

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



191.3190, -40.5833, 43.5702



158.6810, 40.5833, -43.5702

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.



189.0270, 32.5247, -25.4567



191.3190, -40.5833, 43.5702



153.7590, 48.4328, -134.8466

Square

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



191.3190, -40.5833, 43.5702



172.4630, -2.6933, -69.6891



169.7480, 42.0292, -87.4790



195.7180, 11.4780, 51.9903

Rectangle

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



191.3190, -40.5833, 43.5702



184.6170, -32.8422, -12.8191



169.7480, 42.0292, -87.4790



195.7260, 29.2221, 7.2563

Sweetspot

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



191.3190, -40.5833, 43.5702



239.7600, -12.6997, 13.3655



155.1940, 6.3134, 75.2519



118.6930, -7.7366, 8.1622



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.



191.3190, -40.5833, 43.5702



191.8230, -51.6777, 55.4062



223.8590, -56.6255, 8.8937



115.1100, -3.5052, 4.2885



114.8900, -56.6408, 60.6095



34.9410, -17.2259, 18.4687

Inverse Universe

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



158.6810, 40.5833, -43.5702



150.1770, 51.6777, -55.4062



126.1410, 56.6255, -8.8937



112.3030, 3.7946, -3.7737



69.1100, 56.6408, -60.6095



21.0590, 17.2259, -18.4687

Previews

White Background



This preview shows how the YUV color 191.3190, -40.5833, 43.5702 looks on a white background.

Color Contrast Check

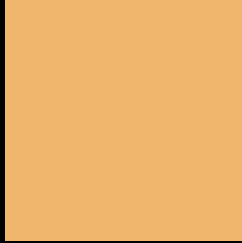
Large Text (above 18pt) WCAG AA × Fail

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 191.3190, -40.5833, 43.5702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

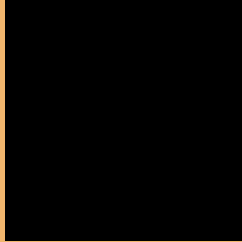
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 191.3190, -40.5833, 43.5702

Background



This preview shows how black text looks on a background with the YUV color 191.3190, -40.5833, 43.5702.



This preview shows how white text looks on a background with the YUV color 191.3190, -40.5833, 43.5702.

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

191.3190, -40.5833, 43.5702

Protanopia

189.5610, -37.7446, 19.6790

Deuteranopia

190.8840, -40.8618, 39.5667



Tritanopia

196.6080, -5.2297, 44.1938

Trichromacy



Original Color

191.3190, -40.5833, 43.5702

Protanomaly

190.3880, -38.6453, 28.6007

Deuteranomaly

190.8950, -40.8672, 41.3111

Tritanomaly

194.5790, -18.0334, 44.2192

Monochromacy



Original Color

191.3190, -40.5833, 43.5702

Achromatopsia

191.0000, 0.0000, 0.0000

Achromatomaly

191.2010, -14.8891, 15.6097

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.3190, -40.5833, 43.5702 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(241, 182, 109)` looks like.

```
.text, #text, p{  
    color:rgb(241, 182, 109)  
}
```

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(241, 182, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 182, 109) }
```

Border

The CSS property to change the border of an element to YUV 191.3190, -40.5833, 43.5702 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(241, 182, 109) }
```


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

```
.border{ border-color:rgb(241, 182, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 182, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 182, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 182, 109);  
box-shadow:4px 4px 4px 4px rgb(241, 182,  
109) }
```

Background

The CSS property to change the background color of an element to YUV 191.3190, -40.5833, 43.5702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 182, 109) }
```

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

```
.background{ background-color: rgb(241,  
182, 109) }
```

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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