

Converting Colors

YUV(190.6080, -42.2047,
50.3328)

Have a look what the booklet for
YUV(190.6080, -42.2047, 50.3328)
contains.

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Color

**YUV(190.6080, -42.2047,
50.3328)**

Conversions

Conversions Part 1

Format	Color
Hex	F8B269
RGB	248, 178, 105
RGB Percent	97%, 70%, 41%
CMY	0.0275, 0.3020, 0.5882
CMYK	0.00, 0.28, 0.58, 0.03
HSL	31°, 91%, 69%
HSV	31°, 58%, 97%
XYZ	57.1816, 52.8172, 20.5455
YIQ	190.6080, 65.1530, -7.8630

Conversions

Conversions Part 2

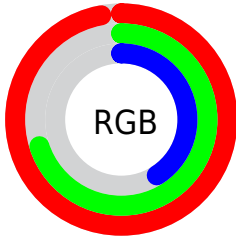
Format	Color
R _Y B	242, 248, 105
Decimal	16298601
CIE Lab	77.77, 17.93, 46.95
CIE LCh	78, 50.259, 69.104
Yxy	52.8172, 0.4380, 0.4046
Android (android.graphics.Color)	4294488681 (0xFFF8B269)
YUV	190.6080, -42.2047, 50.3328
Hunter-Lab	72.6754, 13.2632, 34.1114

Details

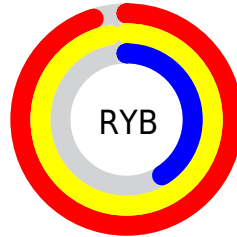
The YUV color **190.6080, -42.2047, 50.3328** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **162.3920, 42.2047, -50.3328**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.6150, -36.2922, 20.5086**, and **135.8570, -39.8625, 45.7294** is the 20% darker color. If you saturate the color by 10%, you get **180.7140, -49.6520, 59.0098**, and if you desaturate by 10%, it is **200.5020, -34.7575, 41.6557**.

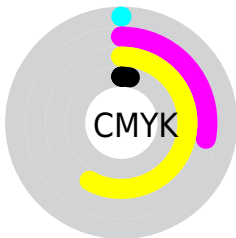
Distribution



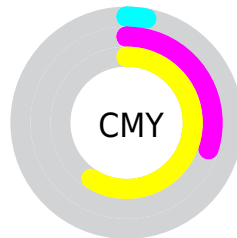
- Red (97%)
- Green (70%)
- Blue (41%)



- Red (95%)
- Yellow (97%)
- Blue (41%)



- Cyan (0%)
- Magenta (28%)
- Yellow (58%)
- Black (3%)



- Cyan (3%)
- Magenta (30%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.6080, -42.2047, 50.3328 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 190.6080, -42.2047, 50.3328 by changing the saturation by 10% instead.

190.6080,
-42.2047, 50.3328

190.6080,
-42.2047, 50.3328

255.0000, 0.0000,
0.0000

162.9390,
-40.8889, 48.2885

231.6150,
-36.2922, 20.5086

135.8570,
-39.8625, 45.7294

247.0200,
-30.5759, 6.9985

109.6610,
-39.2729, 43.2703

250.2120,
-18.3455, 4.1991

83.4820, -41.1566,
40.7963

253.5180, -5.6784,
1.2997

61.9080, -30.5206,
36.0377

41.2090, -20.3160,
29.6347

20.8090, -10.2588,

23.8465

■ 5.6810, -2.8007,
11.6808

■ 0.0000, 0.0000,
0.0000

■ 190.6080,
-42.2047, 50.3328

■ 190.6080,
-42.2047, 50.3328

■ 180.7140,
-49.6520, 59.0098

■ 200.5020,
-34.7575, 41.6557

■ 170.8200,
-57.0993, 67.6869

■ 210.3960,
-27.3102, 32.9787

■ 161.0400,
-64.1097, 76.2639

■ 220.1760,
-20.2998, 24.4016

■ 150.5590,
-71.2676, 85.4558

■ 230.6570,
-13.1419, 15.2098

148.7010,
-73.3096, 87.0852

240.5510, -5.6946,
6.5328

250.4450, 1.7526,
-2.1443

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.



186.8430, -25.0656, 59.7737



190.6080, -42.2047, 50.3328



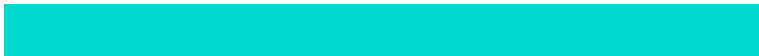
186.9430, -43.8489, 17.5900

Triad

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



190.6080, -42.2047, 50.3328



150.1620, 27.0351, -131.6921



196.0800, 29.0476, 16.5928

Complementary

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



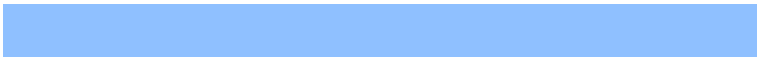
190.6080, -42.2047, 50.3328



162.3920, 42.2047, -50.3328

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.



184.5310, 34.7412, -36.4227



190.6080, -42.2047, 50.3328



154.1180, 47.2698, -135.1615

Square

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



190.6080, -42.2047, 50.3328



171.3230, -7.0612, -68.6893



149.9920, 51.7689, -131.5430



195.4560, 15.5512, 52.2201

Rectangle

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



190.6080, -42.2047, 50.3328



183.7980, -37.3684, -7.7158



149.9920, 51.7689, -131.5430



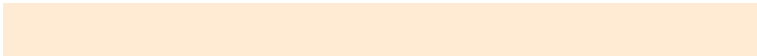
193.3230, 30.4068, 0.5937

Sweetspot

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



190.6080, -42.2047, 50.3328



237.7710, -12.7051, 15.1098



155.9650, 10.3703, 80.7147



117.4050, -7.5947, 9.2918



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.



190.6080, -42.2047, 50.3328



184.4540, -51.9888, 61.8688



231.6980, -62.4621, 14.2969



119.9960, -3.9420, 4.3885



112.8630, -55.6415, 66.7721



36.4360, -17.9629, 21.5426

Inverse Universe

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



162.3920, 42.2047, -50.3328



149.5460, 51.9888, -61.8688



121.3020, 62.4621, -14.2969



117.5910, 3.6526, -4.9033



75.5500, 55.9308, -66.2574



24.5640, 17.9629, -21.5426

Previews

White Background



This preview shows how the YUV color 190.6080, -42.2047, 50.3328 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 190.6080, -42.2047, 50.3328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

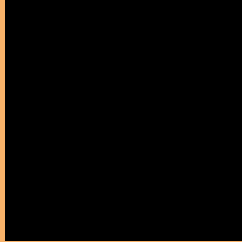
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 190.6080, -42.2047, 50.3328

Background



This preview shows how black text looks on a background with the YUV color 190.6080, -42.2047, 50.3328.



This preview shows how white text looks on a background with the YUV color 190.6080, -42.2047, 50.3328.

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

190.6080, -42.2047, 50.3328

Protanopia

188.9200, -38.9076, 19.3642

Deuteranopia

190.4280, -42.6090, 39.9666



Tritanopia

195.8970, -6.8512, 50.9563

Trichromacy



Original Color

190.6080, -42.2047, 50.3328

Protanomaly

189.6440, -40.2505, 30.1302

Deuteranomaly

190.4500, -42.6198, 43.4554

Tritanomaly

193.8680, -19.6549, 50.9818

Monochromacy



Original Color

190.6080, -42.2047, 50.3328

Achromatopsia

191.0000, 0.0000, 0.0000

Achromatomaly

190.8100, -15.1893, 18.5836

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.6080, -42.2047, 50.3328 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, 178, 105)` looks like.

```
.text, #text, p{  
    color:rgb(248, 178, 105)  
}
```

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, 178, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 178, 105) }
```

Border

The CSS property to change the border of an element to YUV 190.6080, -42.2047, 50.3328 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, 178, 105) }
```


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

```
.border{ border-color:rgb(248, 178, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 178, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 178, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 178, 105);  
box-shadow:4px 4px 4px 4px rgb(248, 178,  
105) }
```

Background

The CSS property to change the background color of an element to YUV 190.6080, -42.2047, 50.3328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 178, 105) }
```

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

```
.background{ background-color: rgb(248,  
178, 105) }
```

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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