

Converting Colors

YUV(202.0000, -46.8350,
42.0960)

Have a look what the booklet for
YUV(202.0000, -46.8350, 42.0960)
contains.

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Color

**YUV(202.0000, -46.8350,
42.0960)**

Conversions

Conversions Part 1

Format	Color
Hex	FAC46B
RGB	250, 196, 107
RGB Percent	98%, 77%, 42%
CMY	0.0196, 0.2314, 0.5804
CMYK	0.00, 0.22, 0.57, 0.02
HSL	37°, 93%, 70%
HSV	37°, 57%, 98%
XYZ	61.8181, 60.8654, 22.3999
YIQ	202.0000, 60.7530, -16.2310

Conversions

Conversions Part 2

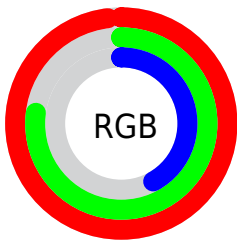
Format	Color
RYB	194, 250, 107
Decimal	16434283
CIELab	82.31, 9.47, 51.43
CIELCh	82, 52.293, 79.563
Yxy	60.8654, 0.4261, 0.4195
Android (android.graphics.Color)	4294624363 (0xFFFA46B)
YUV	202.0000, -46.8350, 42.0960
Hunter-Lab	78.0163, 4.9104, 37.5881

Details

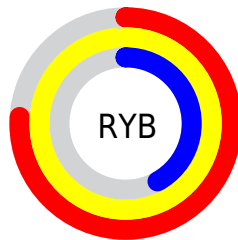
The YUV color $202.0000, -46.8350, 42.0960$ is a light color, and the websafe version is hex FFCC66 . A complement of this color would be $155.0000, 46.8350, -42.0960$, and the grayscale version is $202.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $242.4090, -40.6276, 11.0423$, and $146.5480, -44.6402, 38.1074$ is the 20% darker color. If you saturate the color by 10%, you get $193.8670, -55.1504, 49.2286$, and if you desaturate by 10%, it is $210.1330, -38.5196, 34.9634$.

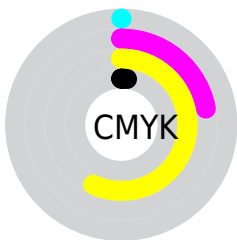
Distribution



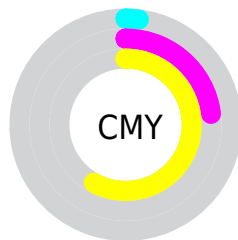
- Red (98%)
- Green (77%)
- Blue (42%)



- Red (76%)
- Yellow (98%)
- Blue (42%)



- Cyan (0%)
- Magenta (22%)
- Yellow (57%)
- Black (2%)



- Cyan (2%)
- Magenta (23%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 202.0000, -46.8350, 42.0960 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 202.0000, -46.8350, 42.0960 by changing the saturation by 10% instead.

202.0000,
-46.8350, 42.0960

202.0000,
-46.8350, 42.0960

255.0000, 0.0000,
0.0000

174.2170,
-45.9560, 40.1517

242.4090,
-40.6276, 11.0423

146.5480,
-44.6402, 38.1074

247.3620,
-29.2655, 6.6985

120.1240,
-44.9241, 35.8483

250.5540,
-17.0351, 3.8991

93.7710, -46.2291,
34.4038

253.8600, -4.3680,
0.9998

71.8980, -35.4457,
29.0305

50.9110, -25.0991,
23.7571

30.5110, -15.0419,

17.9689

■ 8.9590, -4.4168,
16.6990

■ 0.0000, 0.0000,
0.0000

■ 202.0000,
-46.8350, 42.0960

■ 202.0000,
-46.8350, 42.0960

■ 193.8670,
-55.1504, 49.2286

■ 210.1330,
-38.5196, 34.9634

■ 185.1470,
-63.1765, 56.8761

■ 218.8530,
-30.4935, 27.3159

■ 177.0140,
-71.4919, 64.0087

■ 226.9860,
-22.1781, 20.1833

■ 168.2940,
-79.5179, 71.6562

■ 235.7060,
-14.1521, 12.5358

■ 166.3220,
-81.9967, 73.3856

■ 243.8390, -5.8366,
5.4032

■ 252.3310, 1.3158,
-2.0443

■ 253.5050, 0.7370,
-3.0739

Harmonies

Analogous

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



195.7790, -31.4430, 51.9368



202.0000, -46.8350, 42.0960



197.5670, -43.6635, 4.7647

Triad

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



202.0000, -46.8350, 42.0960



161.9140, 36.5244, -141.9986



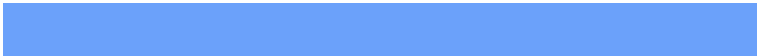
209.1810, 22.5888, 34.9213

Complementary

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



202.0000, -46.8350, 42.0960



155.0000, 46.8350, -42.0960

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.



200.6000, 26.8192, -15.4352



202.0000, -46.8350, 42.0960



161.7320, 45.9811, -141.8390

Square

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



202.0000, -46.8350, 42.0960



175.8450, 4.5134, -94.5801



179.7930, 37.0771, -85.7645



199.2230, 12.2151, 48.9164

Rectangle

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



202.0000, -46.8350, 42.0960



193.5510, -32.8096, -23.2852



179.7930, 37.0771, -85.7645



207.0220, 23.6532, 20.1517

Sweetspot

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



202.0000, -46.8350, 42.0960



240.7060, -14.1521, 12.5358



156.0270, 2.9447, 82.4143



119.1660, -8.4628, 7.7474



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.



202.0000, -46.8350, 42.0960



196.1940, -57.7766, 51.5729



228.6150, -59.9562, 3.8456



120.5830, -4.2314, 3.8737



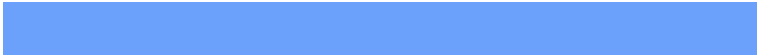
125.1900, -61.7187, 55.9614



40.5450, -19.9887, 17.9390

Inverse Universe

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



155.0000, 46.8350, -42.0960



137.8060, 57.7766, -51.5729



128.3850, 59.9562, -3.8456



116.4170, 4.2314, -3.8737



63.2230, 62.0081, -55.4466



20.4550, 19.9887, -17.9390

Previews

White Background



This preview shows how the YUV color 202.0000, -46.8350, 42.0960 looks on a white background.

Color Contrast Check

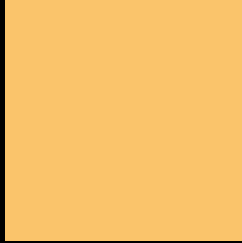
Large Text (above 18pt) WCAG AA × Fail

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 202.0000, -46.8350, 42.0960 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 202.0000, -46.8350, 42.0960

Background



This preview shows how black text looks on a background with the YUV color 202.0000, -46.8350, 42.0960.



This preview shows how white text looks on a background with the YUV color 202.0000, -46.8350, 42.0960.

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

202.0000, -46.8350, 42.0960

Protanopia

200.4490, -44.5914, 22.4082

Deuteranopia

202.0110, -46.8404, 43.8404



Tritanopia

208.8140, -4.3453, 40.5051

Trichromacy



Original Color

202.0000, -46.8350, 42.0960

Protanomaly

201.2650, -45.4866, 29.5856

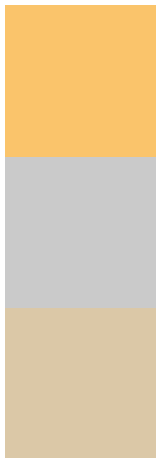
Deuteranomaly

201.7120, -46.6930, 43.2256

Tritanomaly

206.1010, -19.7698, 41.1304

Monochromacy



Original Color

202.0000, -46.8350, 42.0960

Achromatopsia

202.0000, 0.0000, 0.0000

Achromatomaly

201.9190, -17.2151, 14.9800

CSS Examples

Text

The CSS property to change the color of the text to YUV 202.0000, -46.8350, 42.0960 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(250, 196, 107)` looks like.

```
.text, #text, p{  
    color:rgb(250, 196, 107)  
}
```

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(250, 196, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 196, 107) }
```

Border

The CSS property to change the border of an element to YUV 202.0000, -46.8350, 42.0960 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(250, 196, 107) }
```


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

```
.border{ border-color:rgb(250, 196, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 196, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 196, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 196, 107);  
box-shadow:4px 4px 4px 4px rgb(250, 196,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 202.0000, -46.8350, 42.0960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 196, 107) }
```

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

```
.background{ background-color: rgb(250,  
196, 107) }
```

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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