

Converting Colors

YUV(202.7930, -46.2399,
37.8925)

Have a look what the booklet for
YUV(202.7930, -46.2399, 37.8925)
contains.

YUV(202.7930, -46.2399, 37.8925)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(202.7930, -46.2399,
37.8925)**

Conversions

Conversions Part 1

Format	Color
Hex	F6C76D
RGB	246, 199, 109
RGB Percent	96%, 78%, 43%
CMY	0.0353, 0.2196, 0.5725
CMYK	0.00, 0.19, 0.56, 0.04
HSL	39°, 88%, 70%
HSV	39°, 56%, 96%
XYZ	61.1898, 61.5438, 23.1221
YIQ	202.7930, 56.9020, -18.0260

Conversions

Conversions Part 2

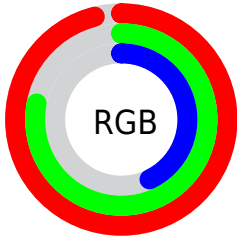
Format	Color
R _Y B	181, 246, 109
Decimal	16172909
CIE Lab	82.67, 6.43, 50.80
CIE LCh	83, 51.205, 82.784
Yxy	61.5438, 0.4195, 0.4220
Android (android.graphics.Color)	4294362989 (0xFFFF6C76D)
YUV	202.7930, -46.2399, 37.8925
Hunter-Lab	78.4499, 1.9402, 37.4399

Details

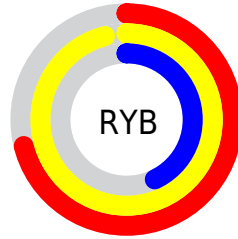
The YUV color $202.7930, -46.2399, 37.8925$ is a light color, and the websafe version is hex FFCC66 . A complement of this color would be $152.2070, 46.2399, -37.8925$, and the grayscale version is $203.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $244.5120, -40.1854, 9.1980$, and $147.6400, -44.1925, 34.5187$ is the 20% darker color. If you saturate the color by 10%, you get $195.2470, -54.8448, 44.5104$, and if you desaturate by 10%, it is $210.3390, -37.6351, 31.2747$.

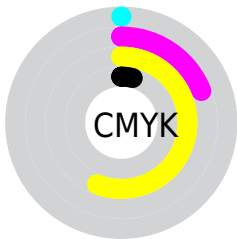
Distribution



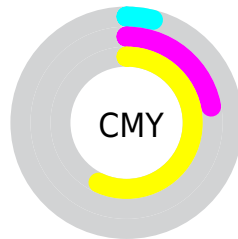
- Red (96%)
- Green (78%)
- Blue (43%)



- Red (71%)
- Yellow (96%)
- Blue (43%)



- Cyan (0%)
- Magenta (19%)
- Yellow (56%)
- Black (4%)



- Cyan (4%)
- Magenta (22%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 202.7930, -46.2399, 37.8925 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 202.7930, -46.2399, 37.8925 by changing the saturation by 10% instead.

202.7930,
-46.2399, 37.8925

202.7930,
-46.2399, 37.8925

255.0000, 0.0000,
0.0000

175.0100,
-45.3609, 35.9482

244.5120,
-40.1854, 9.1980

147.6400,
-44.1925, 34.5187

247.5900,
-28.3919, 6.4986

121.2160,
-44.4765, 32.2596

250.8960,
-15.7247, 3.5992

94.6350, -46.6551,
31.0151

254.0880, -3.4944,
0.7998

72.7620, -35.8717,
25.6417

51.1880, -25.2357,
20.8831

31.6740, -15.6153,

15.1949

■ 9.8230, -4.8427,
13.3102

■ 0.0000, 0.0000,
0.0000

■ 202.7930,
-46.2399, 37.8925

■ 202.7930,
-46.2399, 37.8925

■ 195.2470,
-54.8448, 44.5104

■ 210.3390,
-37.6351, 31.2747

■ 187.2280,
-62.7234, 51.5430

■ 218.3580,
-29.7565, 24.2420

■ 179.6820,
-71.3282, 58.1609

■ 225.9040,
-21.1517, 17.6242

■ 171.6630,
-79.2069, 65.1935

■ 233.9230,
-13.2730, 10.5915

168.6480,
-83.1435, 67.8377

241.4690, -4.6682,
3.9737

249.3740, 2.7736,
-2.9590

252.3090, 1.3267,
-5.5330

Harmonies

Analogous

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



198.0130, -33.0374, 49.9776



202.7930, -46.2399, 37.8925



198.1150, -41.4687, 0.7761

Triad

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



202.7930, -46.2399, 37.8925



162.4840, 38.7084, -142.4985



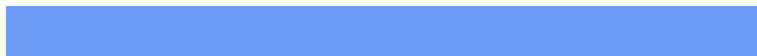
210.9750, 21.7043, 38.6099

Complementary

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



202.7930, -46.2399, 37.8925



152.2070, 46.2399, -37.8925

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.



203.0030, 25.6345, -8.7726



202.7930, -46.2399, 37.8925



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.



202.7930, -46.2399, 37.8925



176.0340, 7.8712, -98.2538



185.1860, 34.4183, -72.9541



199.8270, 9.4523, 48.3867

Rectangle

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



202.7930, -46.2399, 37.8925



193.9140, -30.0306, -27.9886



185.1860, 34.4183, -72.9541



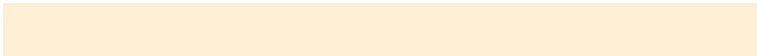
208.5280, 22.9107, 24.9699

Sweetspot

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



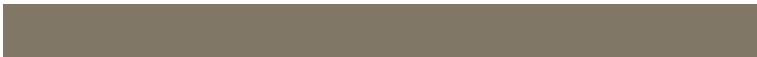
202.7930, -46.2399, 37.8925



241.2930, -14.4414, 12.0210



155.4350, 0.7715, 79.4255



119.7530, -8.7522, 7.2326



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.



202.7930, -46.2399, 37.8925



200.8730, -57.6184, 47.4694



224.1030, -56.7458, 0.7867



118.2840, -4.0840, 3.2589



127.2280, -62.7234, 51.5430



40.5340, -19.9833, 16.1947

Inverse Universe

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



152.2070, 46.2399, -37.8925



138.1270, 57.6184, -47.4694



130.8970, 56.7458, -0.7867



113.7160, 4.0840, -3.2589



58.7720, 62.7234, -51.5430



18.4660, 19.9833, -16.1947

Previews

White Background



This preview shows how the YUV color 202.7930, -46.2399, 37.8925 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 202.7930, -46.2399, 37.8925 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 202.7930, -46.2399, 37.8925

Background



This preview shows how black text looks on a background with the YUV color 202.7930, -46.2399, 37.8925.



This preview shows how white text looks on a background with the YUV color 202.7930, -46.2399, 37.8925.

37.8925.

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

202.7930, -46.2399, 37.8925

Protanopia

201.4490, -44.5914, 22.4082

Deuteranopia

202.9400, -45.8194, 43.0256



Tritanopia

209.4440, -3.1769, 39.0756

Trichromacy



Original Color

202.7930, -46.2399, 37.8925

Protanomaly

201.6670, -45.1918, 28.3560

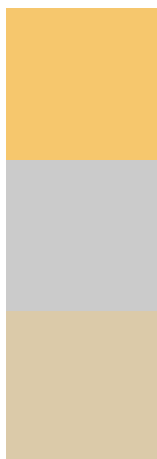
Deuteranomaly

202.9290, -45.8140, 41.2813

Tritanomaly

207.0190, -18.7434, 38.5713

Monochromacy



Original Color

202.7930, -46.2399, 37.8925

Achromatopsia

203.0000, 0.0000, 0.0000

Achromatomaly

203.3210, -16.9203, 13.7505

CSS Examples

Text

The CSS property to change the color of the text to YUV 202.7930, -46.2399, 37.8925 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(246, 199, 109)` looks like.

```
.text, #text, p{  
    color:rgb(246, 199, 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(246, 199, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 199, 109) }
```

Border

The CSS property to change the border of an element to YUV 202.7930, -46.2399, 37.8925 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(246, 199, 109) }
```


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

```
.border{ border-color:rgb(246, 199, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 199, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 199, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 199, 109);  
box-shadow:4px 4px 4px 4px rgb(246, 199,  
109) }
```

Background

The CSS property to change the background color of an element to YUV 202.7930, -46.2399, 37.8925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 199, 109) }
```

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

```
.background{ background-color: rgb(246,  
199, 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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