

Converting Colors

YUV(216.7380, -46.2128,
29.1708)

Have a look what the booklet for
YUV(216.7380, -46.2128, 29.1708)
contains.

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Color

**YUV(216.7380, -46.2128,
29.1708)**

Conversions

Conversions Part 1

Format	Color
Hex	FADA7B
RGB	250, 218, 123
RGB Percent	98%, 85%, 48%
CMY	0.0196, 0.1451, 0.5176
CMYK	0.00, 0.13, 0.51, 0.02
HSL	45°, 93%, 73%
HSV	45°, 51%, 98%
XYZ	68.0709, 71.8969, 29.0287
YIQ	216.7380, 49.5670, -22.7610

Conversions

Conversions Part 2

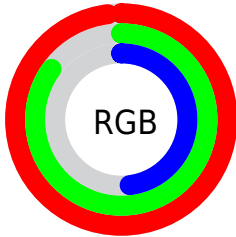
Format	Color
R _Y B	166, 250, 123
Decimal	16439931
CIE Lab	87.92, -0.58, 50.45
CIE LCh	88, 50.452, 90.658
Yxy	71.8969, 0.4028, 0.4254
Android (android.graphics.Color)	4294630011 (0xFFFA7B)
YUV	216.7380, -46.2128, 29.1708
Hunter-Lab	84.7920, -5.0865, 39.0564

Details

The YUV color $216.7380, -46.2128, 29.1708$ is a light color, and the websafe version is hex FFCC66 . A complement of this color would be $156.2620, 46.2128, -29.1708$, and the grayscale version is $217.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.1080, -34.0702, 7.7983$, and $160.8840, -44.3128, 26.4117$ is the 20% darker color. If you saturate the color by 10%, you get $210.3660, -55.3964, 34.7590$, and if you desaturate by 10%, it is $223.1100, -37.0292, 23.5825$.

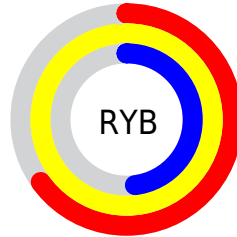
Distribution



Red (98%)

Green (85%)

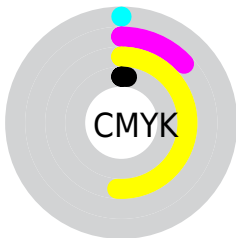
Blue (48%)



Red (65%)

Yellow (98%)

Blue (48%)

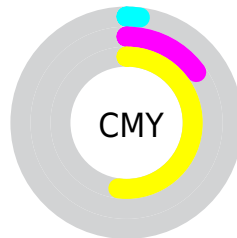


Cyan (0%)

Magenta (13%)

Yellow (51%)

Black (2%)



Cyan (2%)

Magenta (15%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.7380, -46.2128, 29.1708 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 216.7380, -46.2128, 29.1708 by changing the saturation by 10% instead.

216.7380,
-46.2128, 29.1708

216.7380,
-46.2128, 29.1708

255.0000, 0.0000,
0.0000

188.3680,
-45.0444, 27.7413

246.1080,
-34.0702, 7.7983

160.8840,
-44.3128, 26.4117

249.3000,
-21.8399, 4.9989

134.2860,
-44.0180, 25.1822

252.6060, -9.1728,
2.0995

107.9330,
-45.3230, 23.7378

83.6490, -41.2390,
20.4788

62.3740, -30.7504,
16.3350

41.6860, -20.5512,

11.6764

■ 22.4710, -11.0782,
6.6029

■ 0.0000, 0.0000,
0.0000

■ 216.7380,
-46.2128, 29.1708

■ 216.7380,
-46.2128, 29.1708

■ 210.3660,
-55.3964, 34.7590

■ 223.1100,
-37.0292, 23.5825

■ 203.4070,
-64.2907, 40.8621

■ 230.0690,
-28.1350, 17.4795

■ 197.0350,
-73.4743, 46.4503

■ 236.4410,
-18.9514, 11.8912

■ 190.6630,
-82.6579, 52.0385

■ 242.8130, -9.7678,
6.3030

■ 184.5190,
-90.9679, 57.4268

■ 249.1850, -0.5842,
0.7148

■ 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.



209.9640, -35.4783, 39.4966



216.7380, -46.2128, 29.1708



211.4880, -37.2156, -10.0750

Triad

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



216.7380, -46.2128, 29.1708



172.8850, 40.4827, -151.6201



217.4320, 18.5210, 32.9471

Complementary

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



216.7380, -46.2128, 29.1708



156.2620, 46.2128, -29.1708

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.



219.0390, 17.7288, 6.9818



216.7380, -46.2128, 29.1708



175.6530, 39.1181, -133.8767

Square

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



216.7380, -46.2128, 29.1708



188.0200, 15.7661, -110.5195



205.3970, 24.4543, -50.3372



208.2730, 6.2744, 40.9796

Rectangle

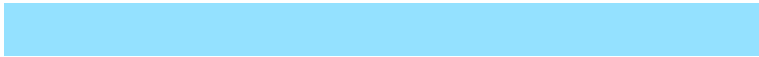
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



216.7380, -46.2128, 29.1708



206.7430, -24.0303, -39.2396



205.3970, 24.4543, -50.3372



220.3670, 17.0741, 30.3731

Sweetspot

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



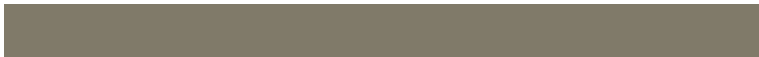
216.7380, -46.2128, 29.1708



244.7980, -13.7044, 8.9472



164.8490, -3.8696, 74.6774



121.8560, -8.3100, 5.3883



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.



216.7380, -46.2128, 29.1708



214.3230, -56.8542, 35.6737



226.5520, -51.0511, -5.7461



121.7570, -4.8102, 2.8441



139.2780, -68.6641, 43.6062



45.2410, -22.3038, 13.8206

Inverse Universe

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



156.2620, 46.2128, -29.1708



140.2640, 56.5648, -36.1885



146.4480, 51.0511, 5.7461



115.8300, 4.5208, -3.3589



49.7220, 68.6641, -43.6062



15.7590, 22.3038, -13.8206

Previews

White Background



This preview shows how the YUV color 216.7380, -46.2128, 29.1708 looks on a white background.

Color Contrast Check

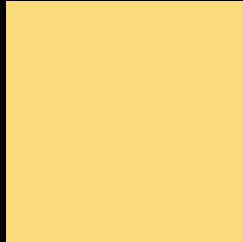
Large Text (above 18pt) WCAG AA × Fail

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 216.7380, -46.2128, 29.1708 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 216.7380, -46.2128, 29.1708 Background



This preview shows how black text looks on a background with the YUV color 216.7380, -46.2128, 29.1708.



This preview shows how white text looks on a background with the YUV color 216.7380, -46.2128, 29.1708.

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

216.7380, -46.2128, 29.1708

Protanopia

216.2210, -45.4650, 22.6082

Deuteranopia

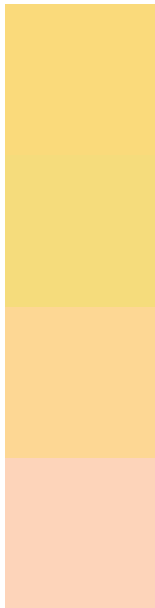
220.3310, -28.7572, 30.4047



Tritanopia

223.6490, -0.8130, 27.4948

Trichromacy



Original Color

216.7380, -46.2128, 29.1708

Protanomaly

216.5310, -45.6178, 24.9673

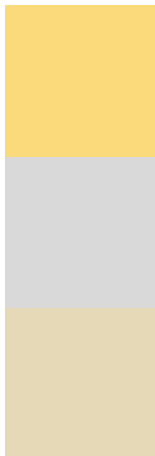
Deuteranomaly

218.7240, -34.8669, 30.0601

Tritanomaly

221.2950, -17.4004, 27.8053

Monochromacy



Original Color

216.7380, -46.2128, 29.1708

Achromatopsia

217.0000, 0.0000, 0.0000

Achromatomaly

216.7120, -16.6200, 10.7766

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.7380, -46.2128, 29.1708 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, 218, 123)` looks like.

```
.text, #text, p{  
    color:rgb(250, 218, 123)  
}
```

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, 218, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 218, 123) }
```

Border

The CSS property to change the border of an element to YUV 216.7380, -46.2128, 29.1708 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, 218, 123) }
```


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

```
.border{ border-color:rgb(250, 218, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 218, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 218, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 218, 123);  
box-shadow:4px 4px 4px 4px rgb(250, 218,  
123) }
```

Background

The CSS property to change the background color of an element to YUV 216.7380, -46.2128, 29.1708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 218, 123) }
```

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

```
.background{ background-color: rgb(250,  
218, 123) }
```

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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