

Converting Colors

YUV(188.6880, -36.8212,
50.2626)

Have a look what the booklet for
YUV(188.6880, -36.8212, 50.2626)
contains.

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Color

**YUV(188.6880, -36.8212,
50.2626)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F6AE72 |
| RGB | 246, 174, 114 |
| RGB Percent | 96%, 68%, 45% |
| CMY | 0.0353, 0.3176, 0.5529 |
| CMYK | 0.00, 0.29, 0.54, 0.04 |
| HSL | 27°, 88%, 71% |
| HSV | 27°, 54%, 96% |
| XYZ | 56.1794, 51.0798, 22.8180 |
| YIQ | 188.6880, 62.1720, -3.3960 |

Conversions

Conversions Part 2

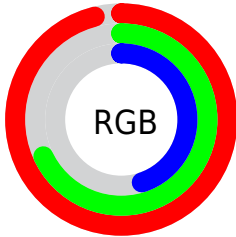
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 246, 224, 114 |
| Decimal | 16166514 |
| CIE Lab | 76.73, 19.93, 41.08 |
| CIE LCh | 77, 45.657, 64.123 |
| Yxy | 51.0798, 0.4319, 0.3927 |
| Android (android.graphics.Color) | 4294356594 (0xFFFF6AE72) |
| YUV | 188.6880, -36.8212, 50.2626 |
| Hunter-Lab | 71.4702, 15.2377, 31.0998 |

Details

The YUV color **188.6880, -36.8212, 50.2626** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **171.3120, 36.8212, -50.2626**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.2930, -31.2034, 21.6680**, and **133.9370, -34.4789, 45.6593** is the 20% darker color. If you saturate the color by 10%, you get **178.2070, -43.9791, 59.4545**, and if you desaturate by 10%, it is **199.1690, -29.6633, 41.0708**.

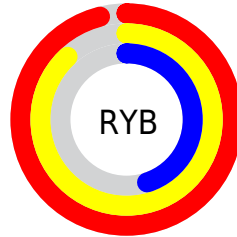
Distribution



Red (96%)

Green (68%)

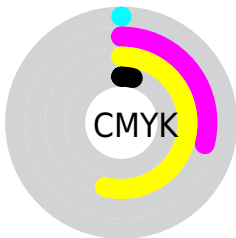
Blue (45%)



Red (96%)

Yellow (88%)

Blue (45%)

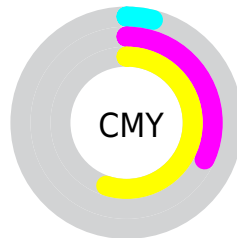


Cyan (0%)

Magenta (29%)

Yellow (54%)

Black (4%)



Cyan (4%)

Magenta (32%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.6880, -36.8212, 50.2626 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 188.6880, -36.8212, 50.2626 by changing the saturation by 10% instead.

188.6880,
-36.8212, 50.2626

188.6880,
-36.8212, 50.2626

255.0000, 0.0000,
0.0000

161.0190,
-35.5054, 48.2183

230.2930,
-31.2034, 21.6680

133.9370,
-34.4789, 45.6593

248.0460,
-26.6447, 6.0987

107.8550,
-33.4525, 43.1002

251.3520,
-13.9775, 3.1993

82.6590, -32.8629,
40.6411

254.5440, -1.7472,
0.3999

58.9620, -29.0683,
36.8673

38.5620, -19.0111,
31.0791

17.5750, -8.6645,

25.8057

■ 4.4850, -2.2111,
9.2217

■ 0.0000, 0.0000,
0.0000

■ 188.6880,
-36.8212, 50.2626

■ 188.6880,
-36.8212, 50.2626

■ 178.2070,
-43.9791, 59.4545

■ 199.1690,
-29.6633, 41.0708

■ 167.2530,
-50.4107, 69.0611

■ 210.1230,
-23.2316, 31.4641

■ 156.7720,
-57.5686, 78.2530

■ 220.6040,
-16.0738, 22.2723

■ 145.8180,
-64.0003, 87.8596

■ 231.5580, -9.6421,
12.6656

■ 139.2980,
-68.6739, 93.5777

■ 242.0390, -2.4842,
3.4738

■ 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.



187.1680, -21.2818, 59.4887



188.6880, -36.8212, 50.2626



185.8880, -40.3708, 22.0232

Triad

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



188.6880, -36.8212, 50.2626



156.1280, 18.6709, -108.8603



192.4810, 30.8219, 7.4712

Complementary

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



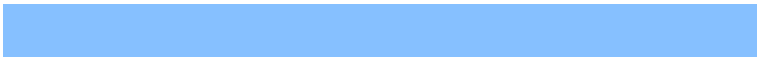
188.6880, -36.8212, 50.2626



171.3120, 36.8212, -50.2626

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.



181.8400, 36.0679, -41.9557



188.6880, -36.8212, 50.2626



150.0600, 41.8754, -131.6026

Square

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



188.6880, -36.8212, 50.2626



173.0970, -10.8938, -52.7051



157.5000, 48.0675, -110.9405



194.8250, 15.8623, 45.7575

Rectangle

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



188.6880, -36.8212, 50.2626



182.5970, -35.7903, -0.5236



157.5000, 48.0675, -110.9405



190.0230, 32.0337, -7.9132

Sweetspot

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



188.6880, -36.8212, 50.2626



237.4120, -11.5421, 15.4247



161.7900, 12.4285, 73.8522



116.9320, -6.8685, 9.7066



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.



188.6880, -36.8212, 50.2626



184.1750, -45.4423, 62.1135



226.8430, -55.6316, 16.8007



117.1100, -3.5052, 4.2885



105.5090, -52.0159, 70.5906



33.4900, -16.5106, 22.3723

Inverse Universe

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



171.3120, 36.8212, -50.2626



162.8250, 45.4423, -62.1135



133.1570, 55.6316, -16.8007



115.4770, 3.2158, -4.8033



81.0780, 51.7265, -71.1054



25.5100, 16.5106, -22.3723

Previews

White Background



This preview shows how the YUV color 188.6880, -36.8212, 50.2626 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 188.6880, -36.8212, 50.2626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

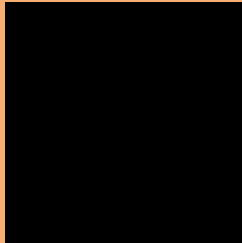
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 188.6880, -36.8212, 50.2626

Background



This preview shows how black text looks on a background with the YUV color 188.6880, -36.8212, 50.2626.



This preview shows how white text looks on a background with the YUV color 188.6880, -36.8212, 50.2626.

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

188.6880, -36.8212, 50.2626

Protanopia

187.1030, -33.0818, 17.4497

Deuteranopia

187.7850, -37.3620, 37.0226



Tritanopia

192.8970, -6.8512, 50.9563

Trichromacy



Original Color

188.6880, -36.8212, 50.2626

Protanomaly

187.5390, -34.2827, 29.3453

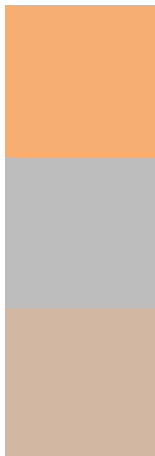
Deuteranomaly

187.9320, -36.9415, 42.1556

Tritanomaly

191.3240, -17.9077, 50.5819

Monochromacy



Original Color

188.6880, -36.8212, 50.2626

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

189.2660, -13.4421, 18.1837

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.6880, -36.8212, 50.2626 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, 174, 114)` looks like.

```
.text, #text, p{  
    color:rgb(246, 174, 114)  
}
```

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, 174, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 174, 114) }
```

Border

The CSS property to change the border of an element to YUV 188.6880, -36.8212, 50.2626 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, 174, 114) }
```


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

```
.border{ border-color:rgb(246, 174, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 174, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 174, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 174, 114);  
box-shadow:4px 4px 4px 4px rgb(246, 174,  
114) }
```

Background

The CSS property to change the background color of an element to YUV 188.6880, -36.8212, 50.2626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 174, 114) }
```

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

```
.background{ background-color: rgb(246,  
174, 114) }
```

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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