

Converting Colors

YUV(188.8020, -36.3844,
50.1626)

Have a look what the booklet for
YUV(188.8020, -36.3844, 50.1626)
contains.

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Color

**YUV(188.8020, -36.3844,
50.1626)**

Conversions

Conversions Part 1

Format	Color
Hex	F6AE73
RGB	246, 174, 115
RGB Percent	96%, 68%, 45%
CMY	0.0353, 0.3176, 0.5490
CMYK	0.00, 0.29, 0.53, 0.04
HSL	27°, 88%, 71%
HSV	27°, 53%, 96%
XYZ	56.2366, 51.1027, 23.1195
YIQ	188.8020, 61.8510, -3.0850

Conversions

Conversions Part 2

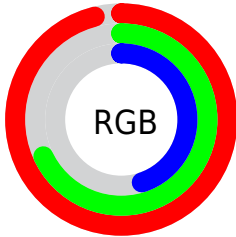
Format	Color
R _Y B	246, 222, 115
Decimal	16166515
CIE Lab	76.74, 20.01, 40.58
CIE LCh	77, 45.246, 63.754
Yxy	51.1027, 0.4311, 0.3917
Android (android.graphics.Color)	4294356595 (0xFFF6AE73)
YUV	188.8020, -36.3844, 50.1626
Hunter-Lab	71.4862, 15.3212, 30.8652

Details

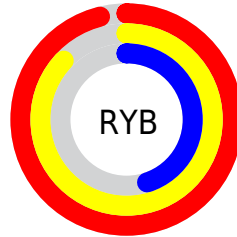
The YUV color **188.8020, -36.3844, 50.1626** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **172.1980, 36.3844, -50.1626**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.4070, -30.7667, 21.5681**, and **134.0510, -34.0421, 45.5593** is the 20% darker color. If you saturate the color by 10%, you get **177.7340, -43.2529, 59.8693**, and if you desaturate by 10%, it is **199.8700, -29.5159, 40.4560**.

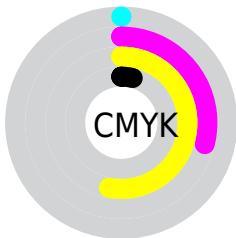
Distribution



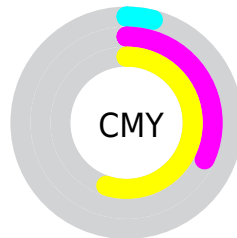
- Red (96%)
- Green (68%)
- Blue (45%)



- Red (96%)
- Yellow (87%)
- Blue (45%)



- Cyan (0%)
- Magenta (29%)
- Yellow (53%)
- Black (4%)



- Cyan (4%)
- Magenta (32%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the YUV color 188.8020, -36.3844, 50.1626 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 188.8020, -36.3844, 50.1626 by changing the saturation by 10% instead.


 188.8020,
-36.3844, 50.1626


 188.8020,
-36.3844, 50.1626


255.0000, 0.0000,
0.0000


 161.1330,
-35.0686, 48.1184


 230.4070,
-30.7667, 21.5681

 134.0510,
-34.0421, 45.5593


 248.1600,
-26.2079, 5.9987


 108.2680,
-33.1631, 43.6150

 251.4660,
-13.5407, 3.0993

 82.7730, -32.4261,
40.5411

254.6580, -1.3104,
0.2999

 58.9620, -29.0683,
36.8673

 38.5620, -19.0111,
31.0791

 17.8740, -8.8119,

26.4205

■ 4.4850, -2.2111,
9.2217

■ 0.0000, 0.0000,
0.0000

■ 188.8020,
-36.3844, 50.1626

■ 188.8020,
-36.3844, 50.1626

■ 177.7340,
-43.2529, 59.8693

■ 199.8700,
-29.5159, 40.4560

■ 167.3670,
-49.9739, 68.9611

■ 210.2370,
-22.7948, 31.3642

■ 156.2990,
-56.8424, 78.6678

■ 221.3050,
-15.9264, 21.6575

■ 145.9320,
-63.5635, 87.7596

■ 231.6720, -9.2053,
12.5657

■ 138.7110,
-68.3845, 94.0925

■ 242.7400, -2.3368,
2.8590

■ 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.



187.2820, -20.8450, 59.3887



188.8020, -36.3844, 50.1626



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.



188.8020, -36.3844, 50.1626



157.5200, 17.4916, -103.9420



193.0680, 30.5325, 6.9564

Complementary

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



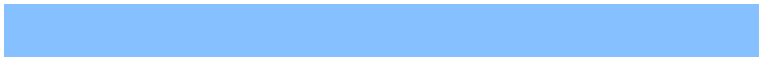
188.8020, -36.3844, 50.1626



172.1980, 36.3844, -50.1626

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



188.8020, -36.3844, 50.1626



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.



188.8020, -36.3844, 50.1626



173.6950, -11.1886, -51.4755



159.2830, 47.1885, -108.9962



194.5260, 16.0097, 45.1427

Rectangle

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



188.8020, -36.3844, 50.1626



182.7110, -35.3535, -0.6235



159.2830, 47.1885, -108.9962



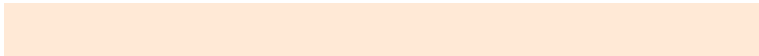
190.0230, 32.0337, -7.9132

Sweetspot

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



188.8020, -36.3844, 50.1626



237.4120, -11.5421, 15.4247



162.3770, 12.1391, 73.3374



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.



188.8020, -36.3844, 50.1626



183.5880, -45.1529, 62.6283



226.9570, -55.1948, 16.7007



117.1100, -3.5052, 4.2885



104.9220, -51.7265, 71.1054



32.9030, -16.2212, 22.8871

Inverse Universe

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



172.1980, 36.3844, -50.1626



162.8250, 45.4423, -62.1135



134.0430, 55.1948, -16.7007



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 188.8020, -36.3844, 50.1626 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 188.8020, -36.3844, 50.1626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

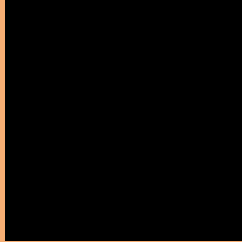
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 188.8020, -36.3844, 50.1626

Background



This preview shows how black text looks on a background with the YUV color 188.8020, -36.3844, 50.1626.



This preview shows how white text looks on a background with the YUV color 188.8020, -36.3844,

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

188.8020, -36.3844, 50.1626

Protanopia

187.2170, -32.6450, 17.3497

Deuteranopia

187.8990, -36.9252, 36.9226



Tritanopia

192.8970, -6.8512, 50.9563

Trichromacy



Original Color

188.8020, -36.3844, 50.1626

Protanomaly

187.6530, -33.8459, 29.2453

Deuteranomaly

188.0460, -36.5047, 42.0557

Tritanomaly

191.4380, -17.4709, 50.4819

Monochromacy



Original Color

188.8020, -36.3844, 50.1626

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 188.8020, -36.3844, 50.1626 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, 115)` looks like.

```
.text, #text, p{  
    color:rgb(246, 174, 115)  
}
```

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, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 174, 115) }
```

Border

The CSS property to change the border of an element to YUV 188.8020, -36.3844, 50.1626 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, 115) }
```


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

```
.border{ border-color:rgb(246, 174, 115) }
```

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, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 174, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 174, 115);  
box-shadow:4px 4px 4px 4px rgb(246, 174,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 188.8020, -36.3844, 50.1626 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, 115) }
```

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

```
.background{ background-color: rgb(246,  
174, 115) }
```

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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