

Converting Colors

YUV(188.4780, -24.8857,
48.6928)

Have a look what the booklet for
YUV(188.4780, -24.8857, 48.6928)
contains.

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Color

**YUV(188.4780, -24.8857,
48.6928)**

Conversions

Conversions Part 1

Format	Color
Hex	F4AA8A
RGB	244, 170, 138
RGB Percent	96%, 67%, 54%
CMY	0.0431, 0.3333, 0.4588
CMYK	0.00, 0.30, 0.43, 0.04
HSL	18°, 83%, 75%
HSV	18°, 43%, 96%
XYZ	56.2704, 49.8175, 30.6947
YIQ	188.4780, 54.3760, 5.7360

Conversions

Conversions Part 2

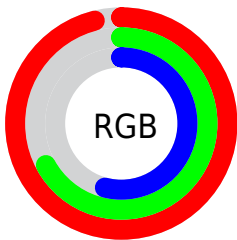
Format	Color
RYB	244, 184, 138
Decimal	16034442
CIELab	75.96, 23.47, 27.41
CIELCh	76, 36.086, 49.422
Yxy	49.8175, 0.4114, 0.3642
Android (android.graphics.Color)	4294224522 (0xFFFF4AA8A)
YUV	188.4780, -24.8857, 48.6928
Hunter-Lab	70.5815, 18.7896, 23.6228

Details

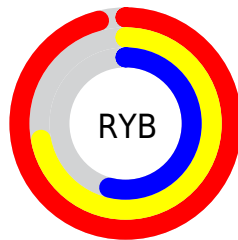
The YUV color **188.4780, -24.8857, 48.6928** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **193.5220, 24.8857, -48.6928**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.7950, -19.1259, 21.2278**, and **134.0260, -22.6908, 44.7042** is the 20% darker color. If you saturate the color by 10%, you get **175.7630, -30.4492, 59.8438**, and if you desaturate by 10%, it is **201.1930, -19.3221, 37.5417**.

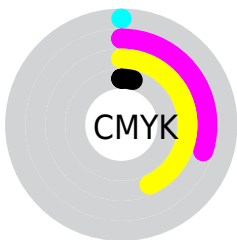
Distribution



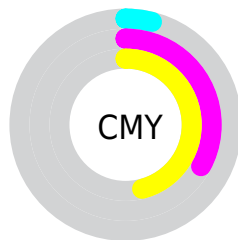
- Red (96%)
- Green (67%)
- Blue (54%)



- Red (96%)
- Yellow (72%)
- Blue (54%)



- Cyan (0%)
- Magenta (30%)
- Yellow (43%)
- Black (4%)



- Cyan (4%)
- Magenta (33%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.4780, -24.8857, 48.6928 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 188.4780, -24.8857, 48.6928 by changing the saturation by 10% instead.

188.4780,
-24.8857, 48.6928

188.4780,
-24.8857, 48.6928

255.0000, 0.0000,
0.0000

160.6950,
-24.0066, 46.7485

230.7950,
-19.1259, 21.2278

134.0260,
-22.6908, 44.7042

250.4230,
-14.9985, 4.0140

108.2430,
-21.8118, 42.7599

254.2020, -3.0576,
0.6998

83.1610, -20.7854,
40.2008

58.8940, -19.1747,
36.9270

35.9260, -17.7115,
34.2679

15.2380, -7.5123,

29.6093

■ 4.4850, -2.2111,
9.2217

■ 0.0000, 0.0000,
0.0000

■ 188.4780,
-24.8857, 48.6928

■ 188.4780,
-24.8857, 48.6928

■ 175.7630,
-30.4492, 59.8438

■ 201.1930,
-19.3221, 37.5417

■ 162.9340,
-36.4495, 71.0949

■ 214.0220,
-13.3218, 26.2907

■ 150.2190,
-42.0130, 82.2459

■ 226.7370, -7.7583,
15.1397

■ 137.3900,
-48.0133, 93.4970

■ 239.5660, -1.7580,
3.8886

■ 124.6750,
-53.5768, 104.6480

■ 251.7110, 1.6215,
-6.7625

■ 116.3940,
-57.3822, 111.9105

Harmonies

Analogous

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



190.3660, -11.5194, 54.9300



188.4780, -24.8857, 48.6928



186.2340, -31.6674, 30.4898

Triad

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



188.4780, -24.8857, 48.6928



173.0610, 0.4629, -55.3045



188.2460, 30.4447, -11.6167

Complementary

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



188.4780, -24.8857, 48.6928



193.5220, 24.8857, -48.6928

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.



179.3830, 35.8002, -49.4479



188.4780, -24.8857, 48.6928



166.4720, 20.4733, -80.2209

Square

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



188.4780, -24.8857, 48.6928



178.5520, -17.5271, -25.0401



168.9140, 33.5664, -79.7316



191.8930, 19.2798, 22.8958

Rectangle

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



188.4780, -24.8857, 48.6928



184.5370, -31.3237, 13.5611



168.9140, 33.5664, -79.7316



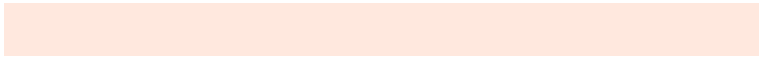
185.8530, 33.1035, -24.4271

Sweetspot

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



188.4780, -24.8857, 48.6928



237.7370, -7.7583, 15.1397



178.1300, 16.6979, 57.7680



116.8010, -4.8319, 9.8215



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.



188.4780, -24.8857, 48.6928



185.2470, -31.1808, 61.1734



219.5890, -40.2234, 21.4084



115.9360, -2.9264, 5.3181



88.4860, -43.6236, 85.5198



28.2070, -13.9061, 27.0055

Inverse Universe

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



193.5220, 24.8857, -48.6928



191.7530, 31.1808, -61.1734



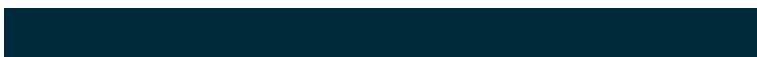
162.4110, 40.2234, -21.4084



116.6510, 2.6371, -5.8329



97.5140, 43.6236, -85.5198



30.7930, 13.9061, -27.0055

Previews

White Background



This preview shows how the YUV color 188.4780, -24.8857, 48.6928 looks on a white background.

Color Contrast Check

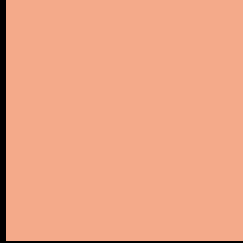
Large Text (above 18pt) WCAG AA × Fail

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 188.4780, -24.8857, 48.6928 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 188.4780, -24.8857, 48.6928

Background



This preview shows how black text looks on a background with the YUV color 188.4780, -24.8857, 48.6928.

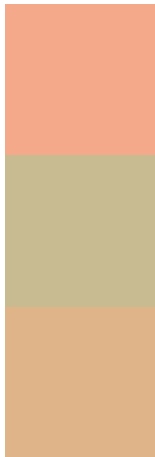


This preview shows how white text looks on a background with the YUV color 188.4780, -24.8857,

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

188.4780, -24.8857, 48.6928

Protanopia

186.2130, -19.8250, 12.0912

Deuteranopia

187.5420, -25.4102, 30.2197



Tritanopia

190.8860, -6.8458, 49.2120

Trichromacy



Original Color

188.4780, -24.8857, 48.6928

Protanomaly

187.1330, -21.7576, 25.3164

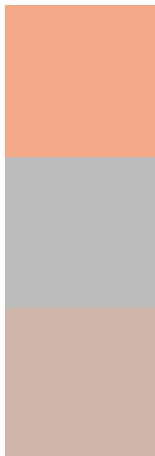
Deuteranomaly

187.7000, -24.9951, 37.0971

Tritanomaly

190.1650, -13.3923, 48.9673

Monochromacy



Original Color

188.4780, -24.8857, 48.6928

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

187.8190, -8.7848, 17.6987

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.4780, -24.8857, 48.6928 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(244, 170, 138)` looks like.

```
.text, #text, p{  
    color:rgb(244, 170, 138)  
}
```

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(244, 170, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 170, 138) }
```

Border

The CSS property to change the border of an element to YUV 188.4780, -24.8857, 48.6928 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(244, 170, 138) }
```


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

```
.border{ border-color:rgb(244, 170, 138) }
```

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

Here you see how a box with a 4 pixel rgb(244, 170, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 170, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 170, 138);  
box-shadow:4px 4px 4px 4px rgb(244, 170,  
138) }
```

Background

The CSS property to change the background color of an element to YUV 188.4780, -24.8857, 48.6928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 170, 138) }
```

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

```
.background{ background-color: rgb(244,  
170, 138) }
```

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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