

Converting Colors

YUV(218.4580, -17.9738,
25.0313)

Have a look what the booklet for
YUV(218.4580, -17.9738, 25.0313)
contains.

YUV(218.4580, -17.9738, 25.0313)	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(218.4580, -17.9738,
25.0313)**

Conversions

Conversions Part 1

Format	Color
Hex	F7D3B6
RGB	247, 211, 182
RGB Percent	97%, 83%, 71%
CMY	0.0314, 0.1725, 0.2863
CMYK	0.00, 0.15, 0.26, 0.03
HSL	27°, 80%, 84%
HSV	27°, 26%, 97%
XYZ	70.0955, 69.7401, 54.0227
YIQ	218.4580, 30.7650, -1.3870

Conversions

Conversions Part 2

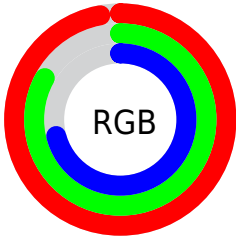
Format	Color
RYB	247, 234, 182
Decimal	16241590
CIELab	86.87, 8.34, 19.03
CIElCh	87, 20.775, 66.341
Yxy	69.7401, 0.3616, 0.3597
Android (android.graphics.Color)	4294431670 (0xFFFF7D3B6)
YUV	218.4580, -17.9738, 25.0313
Hunter-Lab	83.5105, 3.6826, 20.1028

Details

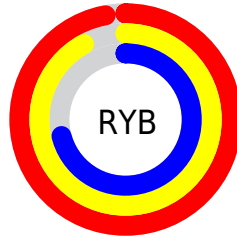
The YUV color $218.4580, -17.9738, 25.0313$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $210.5420, 17.9738, -25.0313$, and the grayscale version is $219.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.0620, -7.4256, 1.6996$, and $163.6750, -17.0948, 23.0870$ is the 20% darker color. If you saturate the color by 10%, you get $207.3900, -24.8423, 34.7380$, and if you desaturate by 10%, it is $229.5260, -11.1053, 15.3247$.

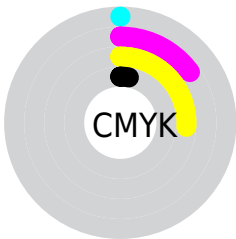
Distribution



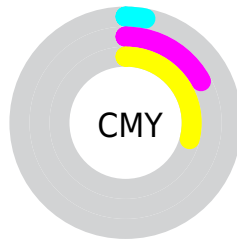
- Red (97%)
- Green (83%)
- Blue (71%)



- Red (97%)
- Yellow (92%)
- Blue (71%)



- Cyan (0%)
- Magenta (15%)
- Yellow (26%)
- Black (3%)





- Cyan (3%)
- Magenta (17%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the YUV color 218.4580, -17.9738, 25.0313 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 218.4580, -17.9738, 25.0313 by changing the saturation by 10% instead.


 218.4580,
-17.9738, 25.0313

 218.4580,
-17.9738, 25.0313


255.0000, 0.0000,
0.0000


 190.2730,
-17.3896, 24.3166


 253.0620, -7.4256,
1.6996

 163.6750,
-17.0948, 23.0870

 136.6040,
-16.0738, 22.2723

 111.1200,
-15.3422, 20.9428

 86.6360, -14.6105,
19.6132

 63.1520, -13.8789,
18.2837

 41.2550, -13.4367,

16.4394

■ 20.4550, -10.0843,
14.5100

■ 0.0000, 0.0000,
0.0000

■ 218.4580,
-17.9738, 25.0313

■ 218.4580,
-17.9738, 25.0313

■ 207.3900,
-24.8423, 34.7380

■ 229.5260,
-11.1053, 15.3247

■ 197.0230,
-31.5633, 43.8298

■ 239.8930, -4.3842,
6.2328

■ 185.9550,
-38.4318, 53.5365

■ 250.8470, 2.0474,
-3.3738

■ 174.8870,
-45.3003, 63.2431

■ 252.6080, 1.1793,
-4.9182

■ 164.5200,
-52.0214, 72.3350

■ 153.4520,
-58.8898, 82.0416

■ 142.3840,
-65.7583, 91.7482

■ 138.4230,
-68.2425, 95.2220

Harmonies

Analogous

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



219.3970, -12.0277, 31.2238



218.4580, -17.9738, 25.0313



216.7290, -19.0934, 10.7617

Triad

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



218.4580, -17.9738, 25.0313



210.1480, 5.3500, -36.0868



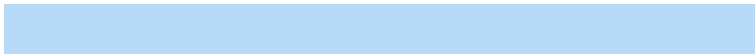
219.8170, 14.3872, 5.4225

Complementary

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



218.4580, -17.9738, 25.0313



210.5420, 17.9738, -25.0313

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.



217.1350, 18.6674, -14.1504



218.4580, -17.9738, 25.0313



210.8300, 14.3808, -39.3159

Square

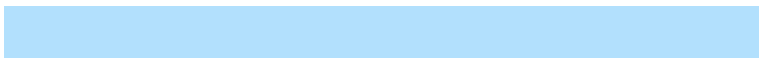
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



218.4580, -17.9738, 25.0313



212.0650, -5.4550, -23.7360



213.5520, 19.4479, -31.1791



221.4510, 6.1867, 22.4065

Rectangle

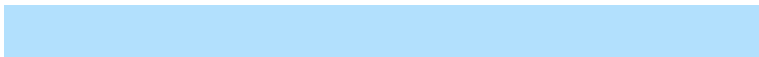
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



218.4580, -17.9738, 25.0313



215.0480, -16.2927, -0.9191



213.5520, 19.4479, -31.1791



219.0550, 16.7349, -0.9252

Sweetspot

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



218.4580, -17.9738, 25.0313



246.2630, -5.5527, 7.6623



205.6530, 6.5801, 36.2613



121.8220, -3.3632, 5.4181



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.



218.4580, -17.9738, 25.0313



219.2370, -22.7948, 31.3642



237.2420, -27.2343, 8.5578



117.1100, -3.5052, 4.2885



104.3350, -51.4372, 71.6202



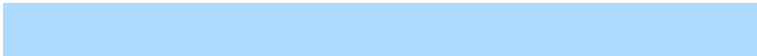
32.9030, -16.2212, 22.8871

Inverse Universe

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



210.5420, 17.9738, -25.0313



209.3500, 22.5055, -31.8789



191.7580, 27.2343, -8.5578



115.4770, 3.2158, -4.8033



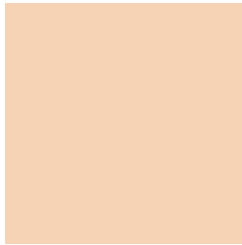
81.6650, 51.4372, -71.6202



25.5100, 16.5106, -22.3723

Previews

White Background



This preview shows how the YUV color 218.4580, -17.9738, 25.0313 looks on a white background.

Color Contrast Check

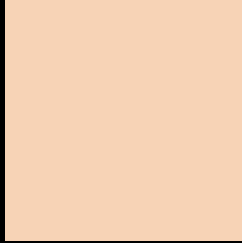
Large Text (above 18pt) WCAG AA × Fail

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 218.4580, -17.9738, 25.0313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

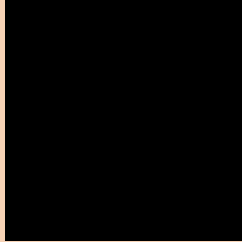
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 218.4580, -17.9738, 25.0313

Background



This preview shows how black text looks on a background with the YUV color 218.4580, -17.9738, 25.0313.



This preview shows how white text looks on a background with the YUV color 218.4580, -17.9738, 25.0313.

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

218.4580, -17.9738, 25.0313

Protanopia

216.9400, -15.7464, 10.5766

Deuteranopia

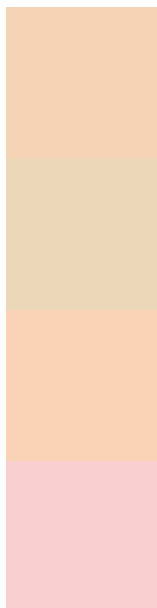
218.4800, -17.9846, 28.5200



Tritanopia

220.8770, 0.0606, 27.2949

Trichromacy



Original Color

218.4580, -17.9738, 25.0313

Protanomaly

217.7450, -16.6363, 16.0096

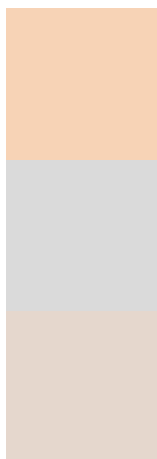
Deuteranomaly

218.7680, -18.1266, 27.3905

Tritanomaly

219.8570, -6.3385, 26.4354

Monochromacy



Original Color

218.4580, -17.9738, 25.0313

Achromatopsia

218.0000, 0.0000, 0.0000

Achromatomaly

218.0460, -6.4317, 9.6067

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.4580, -17.9738, 25.0313 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(247, 211, 182)` looks like.

```
.text, #text, p{  
    color:rgb(247, 211, 182)  
}
```

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(247, 211, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 211, 182) }
```

Border

The CSS property to change the border of an element to YUV 218.4580, -17.9738, 25.0313 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(247, 211, 182) }
```


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

```
.border{ border-color:rgb(247, 211, 182) }
```

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

Here you see how a box with a 4 pixel rgb(247, 211, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 211, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 211, 182);  
box-shadow:4px 4px 4px 4px rgb(247, 211,  
182) }
```

Background

The CSS property to change the background color of an element to YUV 218.4580, -17.9738, 25.0313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 211, 182) }
```

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

```
.background{ background-color: rgb(247,  
211, 182) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor