

Converting Colors

YUV(218.6740, -12.1643,
28.3499)

Have a look what the booklet for
YUV(218.6740, -12.1643, 28.3499)
contains.

YUV(218.6740, -12.1643, 28.3499)	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(218.6740, -12.1643,
28.3499)**

Conversions

Conversions Part 1

Format	Color
Hex	FBCFC2
RGB	251, 207, 194
RGB Percent	98%, 81%, 76%
CMY	0.0157, 0.1882, 0.2392
CMYK	0.00, 0.18, 0.23, 0.02
HSL	14°, 88%, 87%
HSV	14°, 23%, 98%
XYZ	71.8341, 69.0299, 60.5770
YIQ	218.6740, 30.3970, 5.2850

Conversions

Conversions Part 2

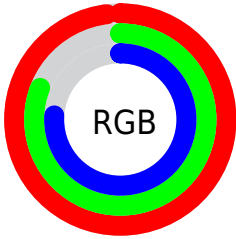
Format	Color
R _Y B	251, 211, 194
Decimal	16502722
CIE Lab	86.52, 13.55, 12.26
CIE LCh	87, 18.277, 42.146
Yxy	69.0299, 0.3566, 0.3427
Android (android.graphics.Color)	4294692802 (0xFFFBCFC2)
YUV	218.6740, -12.1643, 28.3499
Hunter-Lab	83.0842, 8.9325, 14.9305

Details

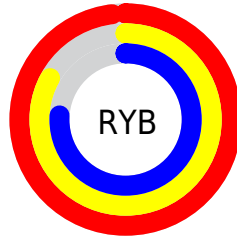
The YUV color $218.6740, -12.1643, 28.3499$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $226.3260, 12.1643, -28.3499$, and the grayscale version is $219.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.4300, -2.1840, 0.4999$, and $163.7770, -11.7221, 26.5056$ is the 20% darker color. If you saturate the color by 10%, you get $204.6710, -17.5858, 40.6305$, and if you desaturate by 10%, it is $232.6770, -6.7428, 16.0693$.

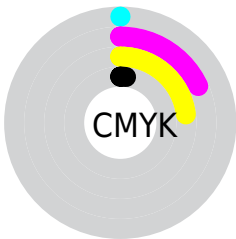
Distribution



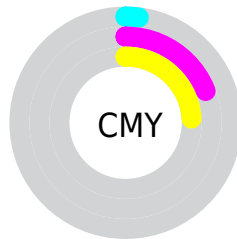
- Red (98%)
- Green (81%)
- Blue (76%)



- Red (98%)
- Yellow (83%)
- Blue (76%)



- Cyan (0%)
- Magenta (18%)
- Yellow (23%)
- Black (2%)




- Cyan (2%)
- Magenta (19%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YUV color 218.6740, -12.1643, 28.3499 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 218.6740, -12.1643, 28.3499 by changing the saturation by 10% instead.


 218.6740,
-12.1643, 28.3499


 218.6740,
-12.1643, 28.3499


255.0000, 0.0000,
0.0000


 190.4890,
-11.5801, 27.6351


 254.4300, -2.1840,
0.4999

 163.7770,
-11.7221, 26.5056

 137.2930,
-10.9904, 25.1760

 111.6950,
-10.6956, 23.9465

 86.6240, -9.6746,
23.1318

 63.1400, -8.9430,
21.8022

 40.9440, -8.3534,

19.3431

■ 19.3030, -9.5164,
19.0283

■ 0.0000, 0.0000,
0.0000

■ 218.6740,
-12.1643, 28.3499

■ 218.6740,
-12.1643, 28.3499

■ 204.6710,
-17.5858, 40.6305

■ 232.6770, -6.7428,
16.0693

■ 190.0810,
-22.7179, 53.4260

■ 247.2670, -1.6106,
3.2738

■ 176.0780,
-28.1395, 65.7066

■ 253.8040, 0.5896,
-2.4591

■ 161.4880,
-33.2716, 78.5020

■ 147.4850,
-38.6931, 90.7827

■ 133.3680,
-44.5514, 103.1633

■ 118.7780,
-49.6836, 115.9587

■ 108.5080,
-53.4944, 124.9655

Harmonies

Analogous

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



219.9220, -4.8915, 29.0094



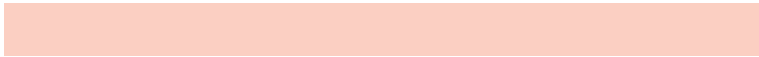
218.6740, -12.1643, 28.3499



217.1800, -16.3577, 20.0131

Triad

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



218.6740, -12.1643, 28.3499



211.3470, -3.1291, -23.1063



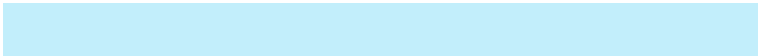
217.1850, 16.1778, -8.9322

Complementary

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



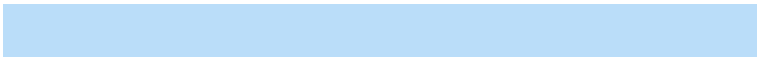
218.6740, -12.1643, 28.3499



226.3260, 12.1643, -28.3499

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.



213.7270, 17.3896, -24.3166



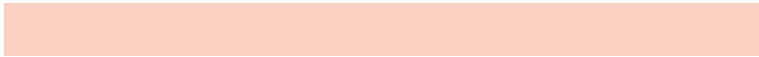
218.6740, -12.1643, 28.3499



210.3980, 6.2128, -32.7980

Square

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



218.6740, -12.1643, 28.3499



213.3720, -11.0294, -9.0962



211.0480, 13.7803, -33.3681



219.0300, 11.3242, 7.8667

Rectangle

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



218.6740, -12.1643, 28.3499



216.0110, -16.7674, 11.3914



211.0480, 13.7803, -33.3681



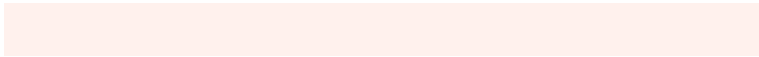
216.0810, 17.2151, -14.9800

Sweetspot

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



218.6740, -12.1643, 28.3499



244.7300, -3.8109, 9.0068



216.1730, 11.2537, 30.5433



122.0500, -2.4896, 5.2182



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.



218.6740, -12.1643, 28.3499



216.0230, -14.8013, 34.1828



235.1100, -20.2672, 13.9355



117.6480, -2.7845, 6.4477



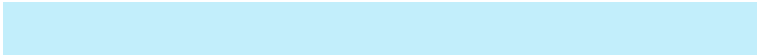
81.7520, -40.3037, 94.0565



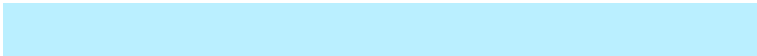
26.4570, -13.0433, 30.2942

Inverse Universe

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



226.3260, 12.1643, -28.3499



224.9770, 14.8013, -34.1828



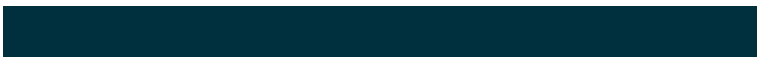
209.8900, 20.2672, -13.9355



119.3520, 2.7845, -6.4477



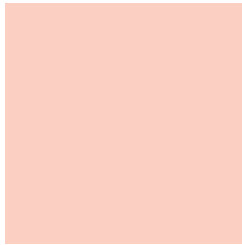
107.2480, 40.3037, -94.0565



34.5430, 13.0433, -30.2942

Previews

White Background



This preview shows how the YUV color 218.6740, -12.1643, 28.3499 looks on a white background.

Color Contrast Check

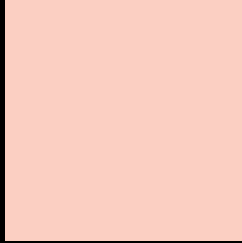
Large Text (above 18pt) WCAG AA × Fail

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 218.6740, -12.1643, 28.3499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

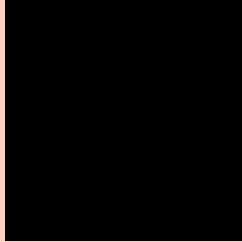
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 218.6740, -12.1643, 28.3499

Background



This preview shows how black text looks on a background with the YUV color 218.6740, -12.1643, 28.3499.



This preview shows how white text looks on a background with the YUV color 218.6740, -12.1643, 28.3499.

28.3499.

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

218.6740, -12.1643, 28.3499

Protanopia

216.7530, -8.7522, 7.2326

Deuteranopia

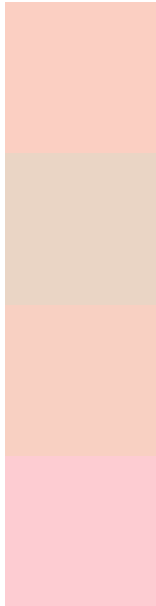
218.3530, -12.0060, 24.2464



Tritanopia

220.0730, -0.5290, 29.7540

Trichromacy



Original Color

218.6740, -12.1643, 28.3499

Protanomaly

217.4550, -10.0843, 14.5100

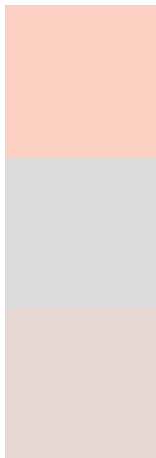
Deuteranomaly

218.3640, -12.0115, 25.9908

Tritanomaly

219.3350, -4.6022, 29.5242

Monochromacy



Original Color

218.6740, -12.1643, 28.3499

Achromatopsia

219.0000, 0.0000, 0.0000

Achromatomaly

219.2140, -4.5425, 10.3363

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.6740, -12.1643, 28.3499 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(251, 207, 194)` looks like.

```
.text, #text, p{  
    color:rgb(251, 207, 194)  
}
```

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(251, 207, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 207, 194) }
```

Border

The CSS property to change the border of an element to YUV 218.6740, -12.1643, 28.3499 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(251, 207, 194) }
```


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

```
.border{ border-color:rgb(251, 207, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 207, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 207, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 207, 194);  
box-shadow:4px 4px 4px 4px rgb(251, 207,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 218.6740, -12.1643, 28.3499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 207, 194) }
```

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

```
.background{ background-color: rgb(251,  
207, 194) }
```

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