

Converting Colors

YUV(210.5460, -18.0172,
38.9862)

Have a look what the booklet for
YUV(210.5460, -18.0172, 38.9862)
contains.

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Color

**YUV(210.5460, -18.0172,
38.9862)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC3AE
RGB	255, 195, 174
RGB Percent	100%, 76%, 68%
CMY	0.0000, 0.2353, 0.3176
CMYK	0.00, 0.24, 0.32, 0.00
HSL	16°, 100%, 84%
HSV	16°, 32%, 100%
XYZ	68.3951, 63.3462, 48.6666
YIQ	210.5460, 42.5010, 6.1890

Conversions

Conversions Part 2

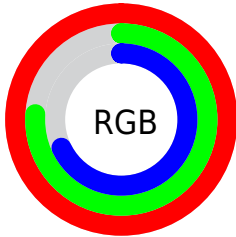
Format	Color
R _Y B	255, 202, 174
Decimal	16761774
CIE Lab	83.62, 18.64, 18.85
CIE LCh	84, 26.510, 45.318
Yxy	63.3462, 0.3791, 0.3511
Android (android.graphics.Color)	4294951854 (0xFFFFC3AE)
YUV	210.5460, -18.0172, 38.9862
Hunter-Lab	79.5903, 14.1090, 19.4595

Details

The YUV color $210.5460, -18.0172, 38.9862$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $218.4540, 18.0172, -38.9862$, and the grayscale version is $211.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.3890, -10.0518, 4.0438$, and $155.5780, -16.5540, 36.3271$ is the 20% darker color. If you saturate the color by 10%, you get $196.4290, -23.8755, 51.3668$, and if you desaturate by 10%, it is $224.6630, -12.1589, 26.6055$.

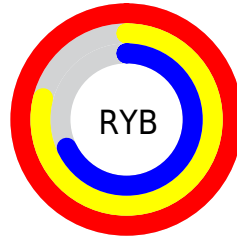
Distribution



Red (100%)

Green (76%)

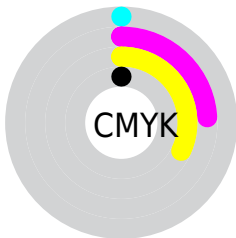
Blue (68%)



Red (100%)

Yellow (79%)

Blue (68%)

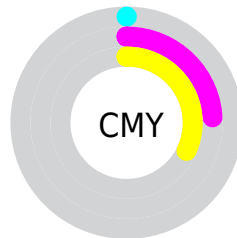


Cyan (0%)

Magenta (24%)

Yellow (32%)

Black (0%)



Cyan (0%)

Magenta (24%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 210.5460, -18.0172, 38.9862 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 210.5460, -18.0172, 38.9862 by changing the saturation by 10% instead.

210.5460,
-18.0172, 38.9862

210.5460,
-18.0172, 38.9862

255.0000, 0.0000,
0.0000

182.9480,
-17.7224, 37.7566

250.3890,
-10.0518, 4.0438

155.5780,
-16.5540, 36.3271

129.0940,
-15.8223, 34.9976

103.8980,
-15.2327, 32.5385

79.1150, -14.3537,
30.5941

55.4460, -13.0379,
28.5499

32.2070, -13.9061,

27.0055

■ 11.9600, -5.8963,
24.5911

■ 0.0000, 0.0000,
0.0000

■ 210.5460,
-18.0172, 38.9862

■ 210.5460,
-18.0172, 38.9862

■ 196.4290,
-23.8755, 51.3668

■ 224.6630,
-12.1589, 26.6055

■ 182.4260,
-29.2970, 63.6474

■ 238.6660, -6.7373,
14.3249

■ 168.4230,
-34.7185, 75.9280

■ 252.7830, -0.8790,
1.9443

■ 154.3060,
-40.5769, 88.3086

■ 255.0000, 0.0000,
0.0000

■ 140.8900,
-46.2878, 100.0745

■ 126.7730,
-52.1461, 112.4551

■ 114.9870,
-56.6886, 122.7914

Harmonies

Analogous

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



210.7060, -7.2501, 38.8458



210.5460, -18.0172, 38.9862



208.6770, -23.5048, 25.7163

Triad

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



210.5460, -18.0172, 38.9862



199.7860, -2.3595, -36.6463



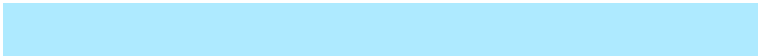
208.5960, 22.8772, -11.0467

Complementary

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



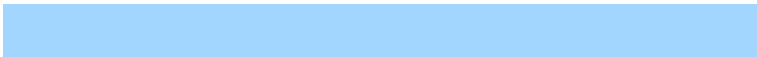
210.5460, -18.0172, 38.9862



218.4540, 18.0172, -38.9862

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.



203.4250, 25.4265, -35.4527



210.5460, -18.0172, 38.9862



197.9550, 11.3612, -50.8265

Square

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



210.5460, -18.0172, 38.9862



203.0030, -14.7915, -15.7886



198.7020, 21.8389, -51.4817



212.2140, 15.6705, 13.8443

Rectangle

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



210.5460, -18.0172, 38.9862



206.8990, -23.6142, 14.1206



198.7020, 21.8389, -51.4817



207.0680, 23.6305, -19.3536

Sweetspot

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



210.5460, -18.0172, 38.9862



240.9970, -5.4215, 12.2806



205.1730, 14.7047, 43.6983



119.1320, -3.5161, 7.7772



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.



210.5460, -18.0172, 38.9862



201.6780, -21.5333, 46.7634



234.0260, -29.5928, 18.3942



120.6480, -2.7845, 6.4477



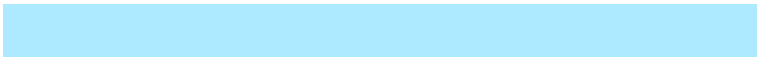
86.4590, -42.6243, 91.6825



29.1150, -14.3537, 30.5941

Inverse Universe

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



218.4540, 18.0172, -38.9862



211.3220, 21.5333, -46.7634



194.9740, 29.5928, -18.3942



121.7650, 3.0739, -5.9329



105.1280, 42.3349, -92.1973



34.8850, 14.3537, -30.5941

Previews

White Background



This preview shows how the YUV color 210.5460, -18.0172, 38.9862 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 210.5460, -18.0172, 38.9862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

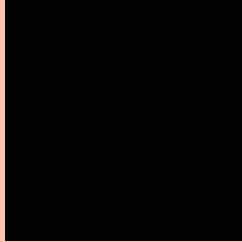
Any Text WCAG AA ✓ Pass

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 210.5460, -18.0172, 38.9862 Background



This preview shows how black text looks on a background with the YUV color 210.5460, -18.0172, 38.9862.



This preview shows how white text looks on a background with the YUV color 210.5460, -18.0172, 38.9862.

38.9862.

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

210.5460, -18.0172, 38.9862

Protanopia

208.2110, -13.4150, 9.4620

Deuteranopia

209.7680, -18.1266, 27.3905



Tritanopia

212.3190, -3.6083, 37.4312

Trichromacy



Original Color

210.5460, -18.0172, 38.9862

Protanomaly

208.8210, -15.1948, 20.3280

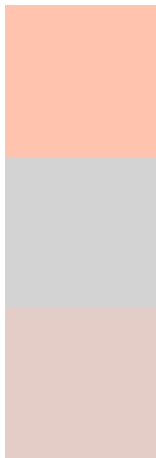
Deuteranomaly

210.0890, -18.2849, 31.4939

Tritanomaly

211.6520, -8.7024, 38.0162

Monochromacy



Original Color

210.5460, -18.0172, 38.9862

Achromatopsia

211.0000, 0.0000, 0.0000

Achromatomaly

210.7800, -6.3005, 14.2249

CSS Examples

Text

The CSS property to change the color of the text to YUV 210.5460, -18.0172, 38.9862 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(255, 195, 174)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 174)  
}
```

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(255, 195, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 174) }
```

Border

The CSS property to change the border of an element to YUV 210.5460, -18.0172, 38.9862 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(255, 195, 174) }
```


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

```
.border{ border-color:rgb(255, 195, 174) }
```

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

Here you see how a box with a 4 pixel rgb(255, 195, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 195, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 195, 174);  
box-shadow:4px 4px 4px 4px rgb(255, 195,  
174) }
```

Background

The CSS property to change the background color of an element to YUV 210.5460, -18.0172, 38.9862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 195, 174) }
```

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

```
.background{ background-color: rgb(255,  
195, 174) }
```

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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