

Converting Colors

YUV(210.4490, -20.9274,
39.0712)

Have a look what the booklet for
YUV(210.4490, -20.9274, 39.0712)
contains.

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Color

**YUV(210.4490, -20.9274,
39.0712)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC4A8
RGB	255, 196, 168
RGB Percent	100%, 77%, 66%
CMY	0.0000, 0.2314, 0.3412
CMYK	0.00, 0.23, 0.34, 0.00
HSL	19°, 100%, 83%
HSV	19°, 34%, 100%
XYZ	68.0478, 63.5670, 45.7289
YIQ	210.4490, 44.1520, 3.8000

Conversions

Conversions Part 2

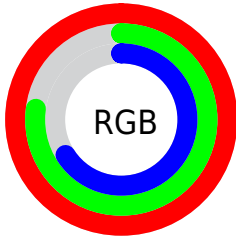
Format	Color
R _Y B	255, 209, 168
Decimal	16762024
CIE Lab	83.74, 17.38, 22.19
CIE LCh	84, 28.188, 51.925
Yxy	63.5670, 0.3837, 0.3584
Android (android.graphics.Color)	4294952104 (0xFFFFC4A8)
YUV	210.4490, -20.9274, 39.0712
Hunter-Lab	79.7289, 12.8223, 21.8042

Details

The YUV color $210.4490, -20.9274, 39.0712$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $212.5510, 20.9274, -39.0712$, and the grayscale version is $211.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.1780, -13.3988, 4.2289$, and $155.4810, -19.4641, 36.4122$ is the 20% darker color. If you saturate the color by 10%, you get $197.6200, -26.9277, 50.3223$, and if you desaturate by 10%, it is $223.3920, -14.4903, 27.7202$.

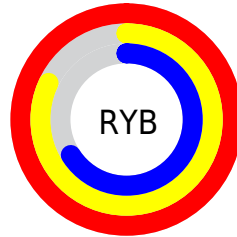
Distribution



Red (100%)

Green (77%)

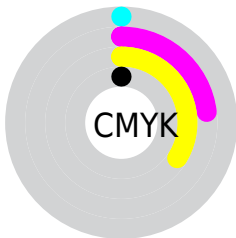
Blue (66%)



Red (100%)

Yellow (82%)

Blue (66%)

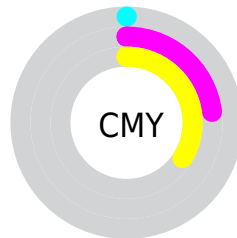


Cyan (0%)

Magenta (23%)

Yellow (34%)

Black (0%)



Cyan (0%)


Magenta (23%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the YUV color 210.4490, -20.9274, 39.0712 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 210.4490, -20.9274, 39.0712 by changing the saturation by 10% instead.


 210.4490,
-20.9274, 39.0712

 210.4490,
-20.9274, 39.0712

255.0000, 0.0000,
0.0000


 182.9650,
-20.1957, 37.7417


 250.1780,
-13.3988, 4.2289


 155.4810,
-19.4641, 36.4122

 254.6580, -1.3104,
0.2999

 128.9970,
-18.7325, 35.0826

 103.8010,
-18.1429, 32.6235

 79.1320, -16.8271,
30.5792

 55.4630, -15.5113,
28.5349

 32.9250, -16.2320,

26.3758

■ 11.6610, -5.7489,
23.9763

■ 0.0000, 0.0000,
0.0000

■ 210.4490,
-20.9274, 39.0712

■ 210.4490,
-20.9274, 39.0712

■ 197.6200,
-26.9277, 50.3223

■ 223.3920,
-14.4903, 27.7202

■ 184.0900,
-33.0754, 62.1881

■ 236.8080, -8.7793,
15.9544

■ 171.1470,
-39.5125, 73.5391

■ 249.7510, -2.3422,
4.6034

■ 158.3180,
-45.5128, 84.7901

■ 255.0000, 0.0000,
0.0000

■ 145.3750,
-51.9499, 96.1411

■ 131.9590,
-57.6608, 107.9070

■ 124.3790,
-61.3188, 114.5546

Harmonies

Analogous

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



209.4350, -9.5815, 39.9605



210.4490, -20.9274, 39.0712



208.4980, -25.3885, 23.2423

Triad

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



210.4490, -20.9274, 39.0712



198.2520, 0.8618, -43.1940



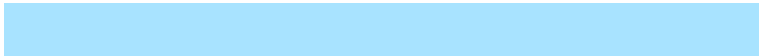
209.5150, 22.4241, -5.7137

Complementary

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



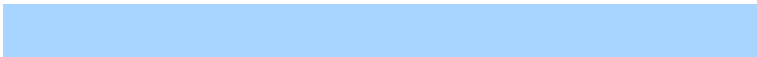
210.4490, -20.9274, 39.0712



212.5510, 20.9274, -39.0712

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.



204.0340, 25.1262, -32.4788



210.4490, -20.9274, 39.0712



196.9480, 15.3086, -56.9594

Square

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



210.4490, -20.9274, 39.0712



202.0130, -13.3174, -21.9364



198.9020, 25.1913, -53.4111



213.2040, 14.1964, 19.9921

Rectangle

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



210.4490, -20.9274, 39.0712



206.3500, -24.3295, 10.2171



198.9020, 25.1913, -53.4111



208.2750, 23.0354, -15.1502

Sweetspot

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



210.4490, -20.9274, 39.0712



242.1710, -6.0003, 11.2510



200.7390, 12.9467, 47.5869



119.7190, -3.8055, 7.2624



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.



210.4490, -20.9274, 39.0712



201.3530, -25.3170, 47.0484



235.6900, -33.3712, 16.9349



121.2350, -3.0739, 5.9329



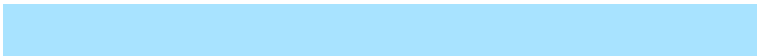
93.5030, -46.0970, 85.5049



31.4630, -15.5113, 28.5349

Inverse Universe

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



212.5510, 20.9274, -39.0712



203.6470, 25.3170, -47.0484



187.3100, 33.3712, -16.9349



121.1780, 3.3632, -5.4181



98.0840, 45.8076, -86.0197



32.5370, 15.5113, -28.5349

Previews

White Background



This preview shows how the YUV color 210.4490, -20.9274, 39.0712 looks on a white background.

Color Contrast Check

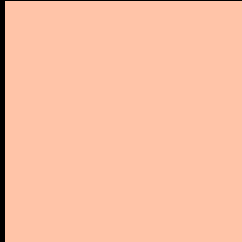
Large Text (above 18pt) WCAG AA × Fail

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 210.4490, -20.9274, 39.0712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

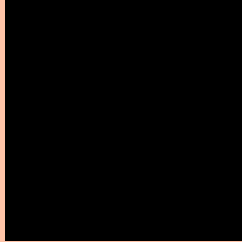
Any Text WCAG AA ✓ Pass

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 210.4490, -20.9274, 39.0712 Background



This preview shows how black text looks on a background with the YUV color 210.4490, -20.9274, 39.0712.



This preview shows how white text looks on a background with the YUV color 210.4490, -20.9274,

39.0712.

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

210.4490, -20.9274, 39.0712

Protanopia

208.5980, -17.0568, 10.8766

Deuteranopia

209.9810, -21.1896, 29.8347



Tritanopia

212.4330, -3.1715, 37.3313

Trichromacy



Original Color

210.4490, -20.9274, 39.0712

Protanomaly

209.0230, -18.2523, 21.0278

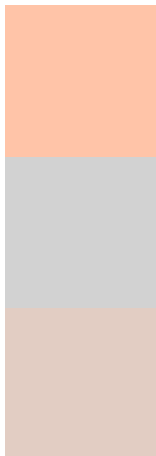
Deuteranomaly

210.0030, -21.2005, 33.3234

Tritanomaly

211.4240, -9.5760, 38.2162

Monochromacy



Original Color

210.4490, -20.9274, 39.0712

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

210.1390, -7.4635, 13.9101

CSS Examples

Text

The CSS property to change the color of the text to YUV 210.4490, -20.9274, 39.0712 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, 196, 168)` looks like.

```
.text, #text, p{  
    color:rgb(255, 196, 168)  
}
```

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, 196, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 168) }
```

Border

The CSS property to change the border of an element to YUV 210.4490, -20.9274, 39.0712 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, 196, 168) }
```


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

```
.border{ border-color:rgb(255, 196, 168) }
```

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

Here you see how a box with a 4 pixel rgb(255, 196, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 196, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 196, 168);  
box-shadow:4px 4px 4px 4px rgb(255, 196,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 210.4490, -20.9274, 39.0712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 196, 168) }
```

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

```
.background{ background-color: rgb(255,  
196, 168) }
```

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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