

Converting Colors

YUV(214.1990, -21.7901,
35.7825)

Have a look what the booklet for
YUV(214.1990, -21.7901, 35.7825)
contains.

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Color

**YUV(214.1990, -21.7901,
35.7825)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCAAA
RGB	255, 202, 170
RGB Percent	100%, 79%, 67%
CMY	0.0000, 0.2078, 0.3333
CMYK	0.00, 0.21, 0.33, 0.00
HSL	23°, 100%, 83%
HSV	23°, 33%, 100%
XYZ	69.6162, 66.4033, 47.1782
YIQ	214.1990, 41.8600, 1.2840

Conversions

Conversions Part 2

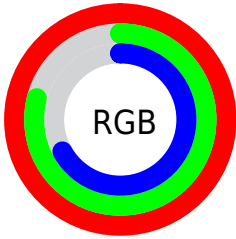
Format	Color
R _Y B	255, 221, 170
Decimal	16763562
CIE Lab	85.20, 14.49, 23.14
CIE LCh	85, 27.308, 57.947
Yxy	66.4033, 0.3800, 0.3625
Android (android.graphics.Color)	4294953642 (0xFFFFCAA)
YUV	214.1990, -21.7901, 35.7825
Hunter-Lab	81.4882, 9.8899, 22.7154

Details

The YUV color $214.1990, -21.7901, 35.7825$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $210.8010, 21.7901, -35.7825$, and the grayscale version is $214.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.5800, -13.1039, 2.9993$, and $159.2310, -20.3269, 33.1234$ is the 20% darker color. If you saturate the color by 10%, you get $201.9570, -28.0798, 46.5187$, and if you desaturate by 10%, it is $226.4410, -15.5004, 25.0462$.

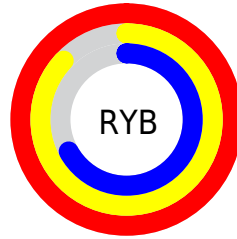
Distribution



Red (100%)

Green (79%)

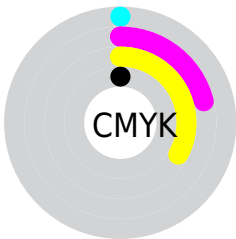
Blue (67%)



Red (100%)

Yellow (87%)

Blue (67%)

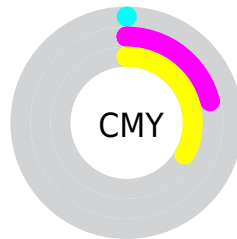


Cyan (0%)

Magenta (21%)

Yellow (33%)

Black (0%)



Cyan (0%)

Magenta (21%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.1990, -21.7901, 35.7825 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 214.1990, -21.7901, 35.7825 by changing the saturation by 10% instead.

214.1990,
-21.7901, 35.7825

214.1990,
-21.7901, 35.7825

255.0000, 0.0000,
0.0000

186.6010,
-21.4953, 34.5529

251.5800,
-13.1039, 2.9993

159.2310,
-20.3269, 33.1234

254.8860, -0.4368,
0.1000

132.7470,
-19.5953, 31.7939

106.9640,
-18.7163, 29.8496

82.1810, -17.8372,
27.9053

58.5120, -16.5214,
25.8610

36.1590, -17.8264,

24.4166

■ 15.7700, -7.7746,
20.3727

■ 0.0000, 0.0000,
0.0000

■ 214.1990,
-21.7901, 35.7825

■ 214.1990,
-21.7901, 35.7825

■ 201.9570,
-28.0798, 46.5187

■ 226.4410,
-15.5004, 25.0462

■ 189.6010,
-34.8063, 57.3549

■ 238.7970, -8.7739,
14.2100

■ 177.3590,
-41.0960, 68.0912

■ 251.1530, -2.0474,
3.3738

■ 165.0030,
-47.8225, 78.9274

■ 255.0000, 0.0000,
0.0000

■ 152.6470,
-54.5490, 89.7636

■ 140.9920,
-61.1281, 99.9850

■ 132.5970,
-65.3703, 107.3474

Harmonies

Analogous

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



212.9570, -11.3178, 36.8717



214.1990, -21.7901, 35.7825



212.1770, -25.2303, 19.1388

Triad

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



214.1990, -21.7901, 35.7825



202.3380, 3.7774, -45.0234



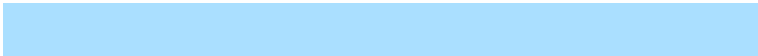
214.8640, 19.7870, 0.1193

Complementary

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



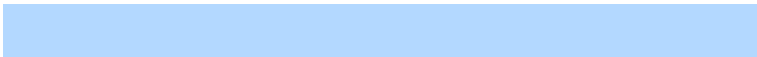
214.1990, -21.7901, 35.7825



210.8010, 21.7901, -35.7825

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.



209.3830, 22.4892, -26.6459



214.1990, -21.7901, 35.7825



201.7140, 16.9030, -55.0002

Square

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



214.1990, -21.7901, 35.7825



206.0880, -10.3964, -25.5102



204.8210, 24.7382, -48.0780



217.5420, 11.5648, 24.0807

Rectangle

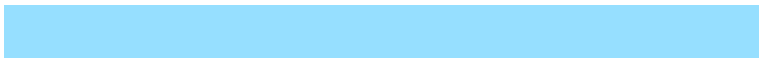
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



214.1990, -21.7901, 35.7825



210.0720, -22.7135, 5.1989



204.8210, 24.7382, -48.0780



213.0370, 20.6878, -8.8024

Sweetspot

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



214.1990, -21.7901, 35.7825



242.7580, -6.2897, 10.7362



201.5710, 11.0575, 46.8572



120.3060, -4.0949, 6.7476



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.



214.1990, -21.7901, 35.7825



205.8040, -26.0324, 43.1449



238.8530, -33.9445, 14.1609



121.8220, -3.3632, 5.4181



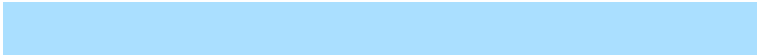
99.3730, -48.9909, 80.3569



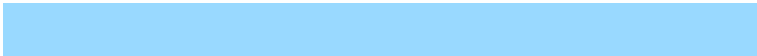
33.2240, -16.3794, 26.9906

Inverse Universe

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



210.8010, 21.7901, -35.7825



202.1960, 26.0324, -43.1449



186.1470, 33.9445, -14.1609



121.1780, 3.3632, -5.4181



91.6270, 48.9909, -80.3569



30.7760, 16.3794, -26.9906

Previews

White Background



This preview shows how the YUV color 214.1990, -21.7901, 35.7825 looks on a white background.

Color Contrast Check

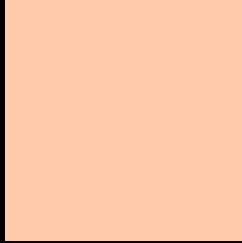
Large Text (above 18pt) WCAG AA × Fail

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 214.1990, -21.7901, 35.7825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

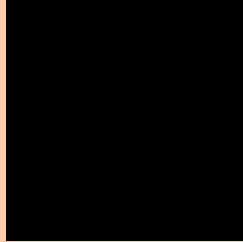
Any Text WCAG AA ✓ Pass

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 214.1990, -21.7901, 35.7825 Background



This preview shows how black text looks on a background with the YUV color 214.1990, -21.7901, 35.7825.



This preview shows how white text looks on a background with the YUV color 214.1990, -21.7901, 35.7825.

35.7825.

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

214.1990, -21.7901, 35.7825

Protanopia

212.2560, -18.3672, 11.1765

Deuteranopia

214.0520, -22.2106, 30.6494



Tritanopia

216.6390, -2.2870, 33.6426

Trichromacy



Original Color

214.1990, -21.7901, 35.7825

Protanomaly

212.9690, -19.7047, 20.1982

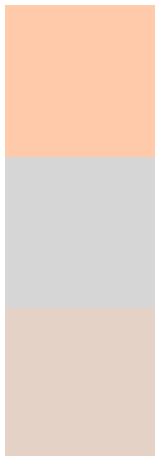
Deuteranomaly

214.0630, -22.2161, 32.3937

Tritanomaly

215.5160, -9.1284, 34.6275

Monochromacy



Original Color

214.1990, -21.7901, 35.7825

Achromatopsia

214.0000, 0.0000, 0.0000

Achromatomaly

214.3130, -8.0423, 12.8805

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.1990, -21.7901, 35.7825 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, 202, 170)` looks like.

```
.text, #text, p{  
    color:rgb(255, 202, 170)  
}
```

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, 202, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 202, 170) }
```

Border

The CSS property to change the border of an element to YUV 214.1990, -21.7901, 35.7825 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, 202, 170) }
```


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

```
.border{ border-color:rgb(255, 202, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 202, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 202, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 202, 170);  
box-shadow:4px 4px 4px 4px rgb(255, 202,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 214.1990, -21.7901, 35.7825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 202, 170) }
```

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

```
.background{ background-color: rgb(255,  
202, 170) }
```

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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