

Converting Colors

YUV(220.3430, -13.4801,
30.3942)

Have a look what the booklet for
YUV(220.3430, -13.4801, 30.3942)
contains.

YUV(220.3430, -13.4801, 30.3942)	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(220.3430, -13.4801,
30.3942)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD0C1
RGB	255, 208, 193
RGB Percent	100%, 82%, 76%
CMY	0.0000, 0.1843, 0.2431
CMYK	0.00, 0.18, 0.24, 0.00
HSL	15°, 100%, 88%
HSV	15°, 24%, 100%
XYZ	73.4215, 70.2220, 60.1365
YIQ	220.3430, 32.8270, 5.2990

Conversions

Conversions Part 2

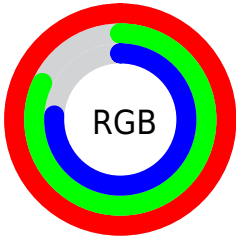
Format	Color
R _Y B	255, 213, 193
Decimal	16765121
CIE Lab	87.11, 14.35, 13.68
CIE LCh	87, 19.825, 43.616
Yxy	70.2220, 0.3603, 0.3446
Android (android.graphics.Color)	4294955201 (0xFFFFD0C1)
YUV	220.3430, -13.4801, 30.3942
Hunter-Lab	83.7986, 9.7482, 16.1106

Details

The YUV color $220.3430, -13.4801, 30.3942$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $227.6570, 13.4801, -30.3942$, and the grayscale version is $220.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.3160, -2.6208, 0.5999$, and $165.1470, -12.8905, 27.9351$ is the 20% darker color. If you saturate the color by 10%, you get $206.3400, -18.9016, 42.6748$, and if you desaturate by 10%, it is $234.4600, -7.6218, 18.0136$.

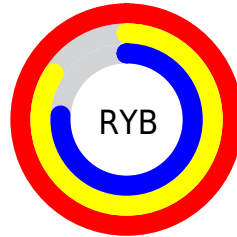
Distribution



Red (100%)

Green (82%)

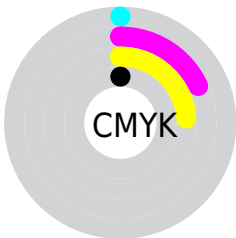
Blue (76%)



Red (100%)

Yellow (84%)

Blue (76%)

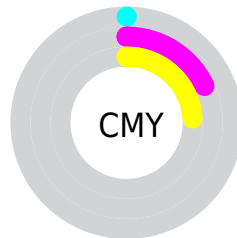


Cyan (0%)

Magenta (18%)

Yellow (24%)

Black (0%)



Cyan (0%)

Magenta (18%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 220.3430, -13.4801, 30.3942 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 220.3430, -13.4801, 30.3942 by changing the saturation by 10% instead.

220.3430,
-13.4801, 30.3942

220.3430,
-13.4801, 30.3942

255.0000, 0.0000,
0.0000

192.1580,
-12.8959, 29.6794

254.3160, -2.6208,
0.5999

165.1470,
-12.8905, 27.9351

138.9620,
-12.3063, 27.2203

112.7770,
-11.7221, 26.5056

87.9940, -10.8430,
24.5613

64.5100, -10.1114,
23.2317

41.7270, -9.2324,

21.2874

■ 20.4880, -10.1006,
19.7430

■ 1.4950, -0.7370,
3.0739

■ 220.3430,
-13.4801, 30.3942

■ 220.3430,
-13.4801, 30.3942

■ 206.3400,
-18.9016, 42.6748

■ 234.4600, -7.6218,
18.0136

■ 191.6360,
-24.4705, 55.5702

■ 249.0500, -2.4896,
5.2182

■ 177.6330,
-29.8921, 67.8509

255.0000, 0.0000,
0.0000

■ 163.5160,
-35.7504, 80.2315

■ 148.9260,
-40.8825, 93.0269

■ 134.8090,
-46.7408, 105.4075

■ 120.8060,
-52.1624, 117.6881

■ 112.6390,
-55.5310, 124.8506

Harmonies

Analogous

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



220.5200, -5.1864, 30.2390



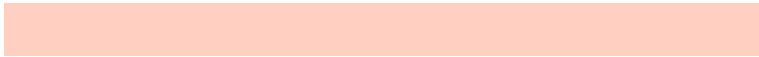
220.3430, -13.4801, 30.3942



218.5500, -17.5261, 21.4427

Triad

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



220.3430, -13.4801, 30.3942



212.1510, -2.5394, -25.5654



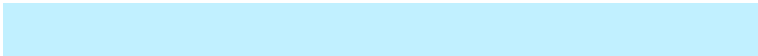
218.6410, 17.9250, -9.3322

Complementary

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



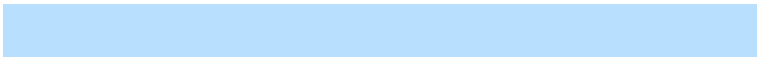
220.3430, -13.4801, 30.3942



227.6570, 13.4801, -30.3942

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.



215.1720, 19.1422, -26.4608



220.3430, -13.4801, 30.3942



211.0170, 7.3866, -35.9719

Square

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



220.3430, -13.4801, 30.3942



214.2470, -11.4608, -10.7406



211.7810, 15.3910, -36.6419



221.2690, 12.1924, 9.4111

Rectangle

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



220.3430, -13.4801, 30.3942



217.6690, -18.0778, 11.6913



211.7810, 15.3910, -36.6419



217.4230, 18.5255, -15.2800

Sweetspot

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



220.3430, -13.4801, 30.3942



244.7300, -3.8109, 9.0068



217.0100, 11.8271, 33.3172



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.



220.3430, -13.4801, 30.3942



213.6920, -16.1172, 36.2271



237.9530, -22.1618, 14.9502



120.6480, -2.7845, 6.4477



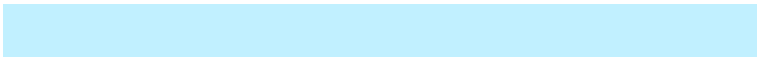
84.1110, -41.4667, 93.7417



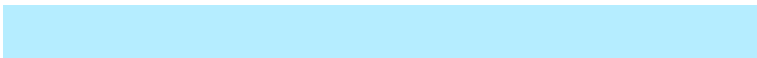
27.9410, -13.7749, 31.6237

Inverse Universe

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



227.6570, 13.4801, -30.3942



222.3080, 16.1172, -36.2271



210.0470, 22.1618, -14.9502



121.7650, 3.0739, -5.9329



106.8890, 41.4667, -93.7417



35.4720, 14.0643, -31.1089

Previews

White Background



This preview shows how the YUV color 220.3430, -13.4801, 30.3942 looks on a white background.

Color Contrast Check

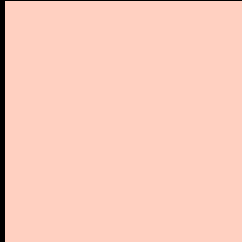
Large Text (above 18pt) WCAG AA × Fail

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 220.3430, -13.4801, 30.3942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

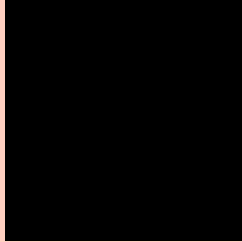
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 220.3430, -13.4801, 30.3942

Background



This preview shows how black text looks on a background with the YUV color 220.3430, -13.4801, 30.3942.



This preview shows how white text looks on a background with the YUV color 220.3430, -13.4801, 30.3942.

30.3942.

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

220.3430, -13.4801, 30.3942

Protanopia

218.4110, -10.0626, 7.5326

Deuteranopia

219.7230, -13.1744, 25.6759



Tritanopia

221.6600, -0.8184, 29.2392

Trichromacy



Original Color

220.3430, -13.4801, 30.3942

Protanomaly

218.8250, -11.2527, 15.9395

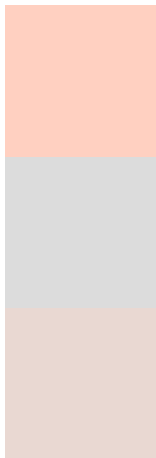
Deuteranomaly

219.7340, -13.1799, 27.4203

Tritanomaly

221.1070, -5.4758, 29.7242

Monochromacy



Original Color

220.3430, -13.4801, 30.3942

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

220.3990, -5.1267, 11.0511

CSS Examples

Text

The CSS property to change the color of the text to YUV 220.3430, -13.4801, 30.3942 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, 208, 193)` looks like.

```
.text, #text, p{  
    color:rgb(255, 208, 193)  
}
```

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, 208, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 208, 193) }
```

Border

The CSS property to change the border of an element to YUV 220.3430, -13.4801, 30.3942 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, 208, 193) }
```


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

```
.border{ border-color:rgb(255, 208, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 208, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 208, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 208, 193); box-shadow:4px 4px 4px 4px rgb(255, 208, 193) }
```

Background

The CSS property to change the background color of an element to YUV 220.3430, -13.4801, 30.3942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 208, 193) }
```

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

```
.background{ background-color: rgb(255,  
208, 193) }
```

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