

Converting Colors

YUV(218.2400, -13.9223,
32.2385)

Have a look what the booklet for
YUV(218.2400, -13.9223, 32.2385)
contains.

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Color

**YUV(218.2400, -13.9223,
32.2385)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCDBE
RGB	255, 205, 190
RGB Percent	100%, 80%, 75%
CMY	0.0000, 0.1961, 0.2549
CMYK	0.00, 0.20, 0.25, 0.00
HSL	14°, 100%, 87%
HSV	14°, 25%, 100%
XYZ	72.3656, 68.6403, 58.1500
YIQ	218.2400, 34.6150, 5.9350

Conversions

Conversions Part 2

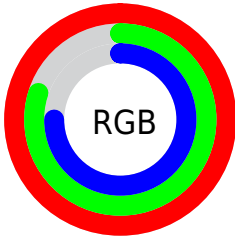
Format	Color
R _Y B	255, 210, 190
Decimal	16764350
CIE Lab	86.33, 15.50, 14.16
CIE LCh	86, 20.996, 42.400
Yxy	68.6403, 0.3634, 0.3447
Android (android.graphics.Color)	4294954430 (0xFFFFCDBE)
YUV	218.2400, -13.9223, 32.2385
Hunter-Lab	82.8495, 10.9258, 16.3804

Details

The YUV color $218.2400, -13.9223, 32.2385$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $226.7600, 13.9223, -32.2385$, and the grayscale version is $218.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.9740, -3.9312, 0.8998$, and $163.1580, -12.8959, 29.6794$ is the 20% darker color. If you saturate the color by 10%, you get $203.6500, -19.0544, 45.0340$, and if you desaturate by 10%, it is $232.9440, -8.3534, 19.3431$.

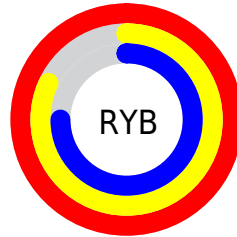
Distribution



Red (100%)

Green (80%)

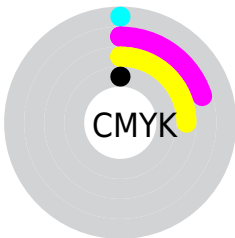
Blue (75%)



Red (100%)

Yellow (82%)

Blue (75%)

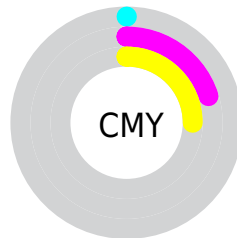


Cyan (0%)

Magenta (20%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the YUV color 218.2400, -13.9223, 32.2385 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 218.2400, -13.9223, 32.2385 by changing the saturation by 10% instead.


 218.2400,
-13.9223, 32.2385


 218.2400,
-13.9223, 32.2385


255.0000, 0.0000,
0.0000


 190.0550,
-13.3381, 31.5238


 253.9740, -3.9312,
0.8998

 163.1580,
-12.8959, 29.6794

 136.5600,
-12.6011, 28.4499

 111.0760,
-11.8695, 27.1203

 86.5920, -11.1379,
25.7908

 62.6950, -10.6956,
23.9465

 40.0260, -9.3798,

21.9022

■ 17.8410, -8.7956,
21.1874

■ 0.0000, 0.0000,
0.0000

■ 218.2400,
-13.9223, 32.2385

■ 218.2400,
-13.9223, 32.2385

■ 203.6500,
-19.0544, 45.0340

■ 232.9440, -8.3534,
19.3431

■ 189.5330,
-24.9128, 57.4146

■ 246.9470, -2.9319,
7.0625

■ 174.9430,
-30.0449, 70.2100

255.0000, 0.0000,
0.0000

■ 160.8260,
-35.9032, 82.5906

■ 146.2360,
-41.0353, 95.3860

■ 131.5320,
-46.6043, 108.2814

■ 117.5290,
-52.0258, 120.5621

■ 110.8780,
-54.6629, 126.3950

Harmonies

Analogous

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



218.5310, -5.1918, 31.9833



218.2400, -13.9223, 32.2385



216.6210, -18.5472, 22.2574

Triad

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



218.2400, -13.9223, 32.2385



209.9120, -3.4076, -27.1098



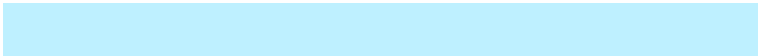
216.2710, 19.0934, -10.7617

Complementary

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



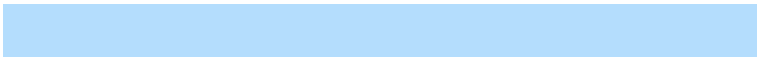
218.2400, -13.9223, 32.2385



226.7600, 13.9223, -32.2385

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.



212.3890, 20.0212, -28.4052



218.2400, -13.9223, 32.2385



208.7070, 7.5394, -38.3310

Square

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



218.2400, -13.9223, 32.2385



211.9050, -12.7712, -10.4407



209.5850, 15.9806, -39.1010



218.7960, 12.9186, 9.8259

Rectangle

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



218.2400, -13.9223, 32.2385



215.0390, -19.2462, 13.1208



209.5850, 15.9806, -39.1010



215.0530, 19.6939, -16.7095

Sweetspot

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



218.2400, -13.9223, 32.2385



243.3280, -4.1057, 10.2363



215.2490, 12.6952, 34.8616



120.6480, -2.7845, 6.4477



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.



218.2400, -13.9223, 32.2385



210.1870, -16.8542, 39.3010



237.0240, -23.1828, 15.7650



120.6480, -2.7845, 6.4477



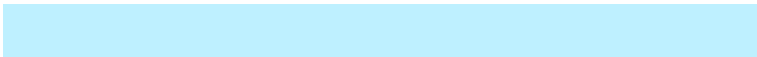
82.9370, -40.8879, 94.7713



27.9410, -13.7749, 31.6237

Inverse Universe

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



226.7600, 13.9223, -32.2385



220.8130, 16.8542, -39.3010



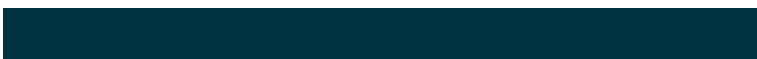
207.9760, 23.1828, -15.7650



122.3520, 2.7845, -6.4477



108.0630, 40.8879, -94.7713



36.0590, 13.7749, -31.6237

Previews

White Background



This preview shows how the YUV color 218.2400, -13.9223, 32.2385 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 218.2400, -13.9223, 32.2385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

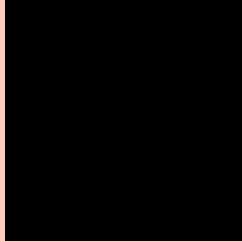
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 218.2400, -13.9223, 32.2385

Background



This preview shows how black text looks on a background with the YUV color 218.2400, -13.9223, 32.2385.



This preview shows how white text looks on a background with the YUV color 218.2400, -13.9223, 32.2385.

32.2385.

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

218.2400, -13.9223, 32.2385

Protanopia

216.2970, -10.4994, 7.6325

Deuteranopia

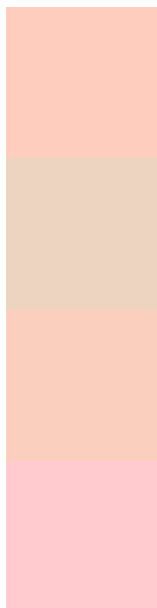
217.4950, -14.0480, 25.8759



Tritanopia

219.5570, -1.2606, 31.0835

Trichromacy



Original Color

218.2400, -13.9223, 32.2385

Protanomaly

217.0100, -11.8369, 16.6542

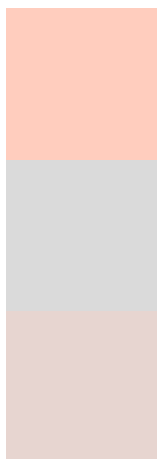
Deuteranomaly

217.8050, -14.2009, 28.2350

Tritanomaly

219.0040, -5.9180, 31.5685

Monochromacy



Original Color

218.2400, -13.9223, 32.2385

Achromatopsia

218.0000, 0.0000, 0.0000

Achromatomaly

217.8120, -4.8373, 11.5659

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.2400, -13.9223, 32.2385 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, 205, 190)` looks like.

```
.text, #text, p{  
    color:rgb(255, 205, 190)  
}
```

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, 205, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 205, 190) }
```

Border

The CSS property to change the border of an element to YUV 218.2400, -13.9223, 32.2385 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, 205, 190) }
```


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

```
.border{ border-color:rgb(255, 205, 190) }
```

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

Here you see how a box with a 4 pixel rgb(255, 205, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 205, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 205, 190);  
box-shadow:4px 4px 4px 4px rgb(255, 205,  
190) }
```

Background

The CSS property to change the background color of an element to YUV 218.2400, -13.9223, 32.2385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 205, 190) }
```

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

```
.background{ background-color: rgb(255,  
205, 190) }
```

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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