

Converting Colors

YUV(230.4650, -5.1592,
21.5172)

Have a look what the booklet for
YUV(230.4650, -5.1592, 21.5172)
contains.

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Color

**YUV(230.4650, -5.1592,
21.5172)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDCDC
RGB	255, 220, 220
RGB Percent	100%, 86%, 86%
CMY	0.0000, 0.1373, 0.1373
CMYK	0.00, 0.14, 0.14, 0.00
HSL	0°, 100%, 93%
HSV	0°, 14%, 100%
XYZ	79.7515, 77.6137, 78.4877
YIQ	230.4650, 20.8600, 7.4200

Conversions

Conversions Part 2

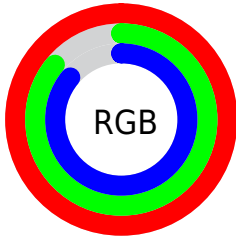
Format	Color
R _Y B	255, 220, 220
Decimal	16768220
CIE Lab	90.60, 12.10, 4.47
CIE LCh	91, 12.899, 20.288
Yxy	77.6137, 0.3381, 0.3291
Android (android.graphics.Color)	4294958300 (0xFFFFDCDC)
YUV	230.4650, -5.1592, 21.5172
Hunter-Lab	88.0986, 7.4149, 8.8471

Details

The YUV color $230.4650, -5.1592, 21.5172$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $244.5350, 5.1592, -21.5172$, and the grayscale version is $230.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $174.8670, -4.8644, 20.2876$ is the 20% darker color. If you saturate the color by 10%, you get $212.9400, -8.8444, 36.8866$, and if you desaturate by 10%, it is $248.6910, -1.3267, 5.5330$.

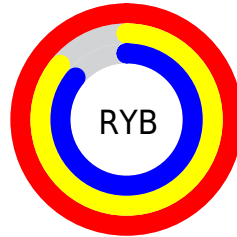
Distribution



Red (100%)

Green (86%)

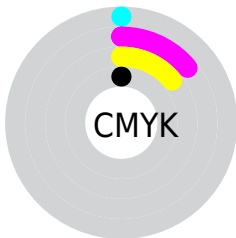
Blue (86%)



Red (100%)

Yellow (86%)

Blue (86%)

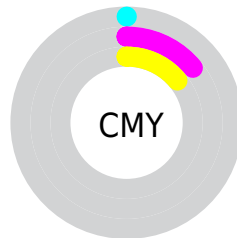


Cyan (0%)

Magenta (14%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (14%)

Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the YUV color 230.4650, -5.1592, 21.5172 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 230.4650, -5.1592, 21.5172 by changing the saturation by 10% instead.

 230.4650, -5.1592,
21.5172

 230.4650, -5.1592,
21.5172


255.0000, 0.0000,
0.0000


 202.1660, -5.0118,
20.9024


 174.8670, -4.8644,
20.2876

 148.2690, -4.5696,
19.0581

 122.2690, -4.5696,
19.0581

 97.6710, -4.2748,
17.8285

 73.4860, -3.6906,
17.1138

 50.8880, -3.3958,

15.8842

■ 29.2900, -3.1010,
14.6547

■ 7.7740, -3.8326,
15.9842

■ 230.4650, -5.1592,
21.5172

■ 230.4650, -5.1592,
21.5172

■ 212.9400, -8.8444,
36.8866

■ 248.6910, -1.3267,
5.5330

■ 194.7140,
-12.6770, 52.8708

255.0000, 0.0000,
0.0000

■ 177.1890,
-16.3622, 68.2402

■ 158.9630,
-20.1948, 84.2244

■ 141.4380,
-23.8799, 99.5939

■ 123.2120,
-27.7125, 115.5781

■ 105.6870,
-31.3977, 130.9475

■ 87.4610, -35.2303,
146.9317

■ 76.2450, -37.5888,
156.7681

Harmonies

Analogous

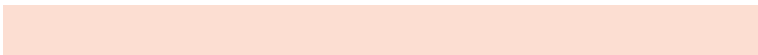
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



230.7510, 1.1088, 17.7584



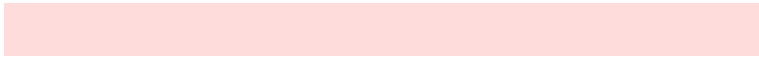
230.4650, -5.1592, 21.5172



229.6020, -9.6638, 19.6430

Triad

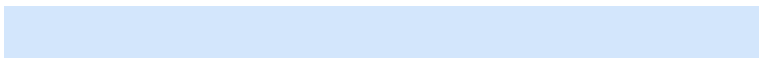
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



230.4650, -5.1592, 21.5172



225.2240, -6.5194, -8.9664



226.8270, 12.4103, -13.8803

Complementary

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



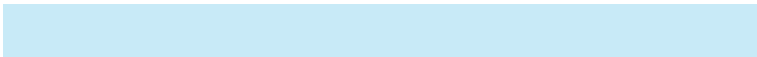
230.4650, -5.1592, 21.5172



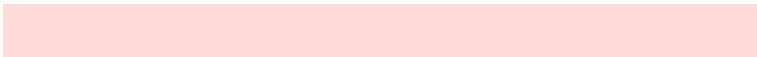
244.5350, 5.1592, -21.5172

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.



225.3160, 10.6902, -22.2021



230.4650, -5.1592, 21.5172



224.0640, -0.5246, -18.4731

Square

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



230.4650, -5.1592, 21.5172



226.8510, -10.7725, 1.8847



223.7520, 6.0383, -23.4615



228.8500, 10.9200, -2.4994

Rectangle

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



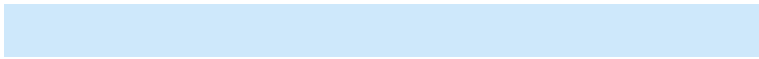
230.4650, -5.1592, 21.5172



228.9990, -11.8315, 14.9099



223.7520, 6.0383, -23.4615



226.3920, 12.1317, -17.8838

Sweetspot

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



230.4650, -5.1592, 21.5172



247.9900, -1.4741, 6.1478



234.4550, 10.1287, 18.0180



123.0930, -1.0318, 4.3034



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

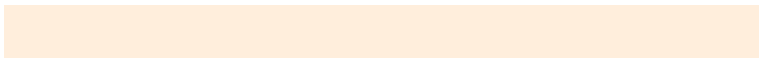
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230.4650, -5.1592, 21.5172



226.2590, -6.0437, 25.2059



241.0310, -10.3683, 12.2508



118.8870, -1.9163, 7.9921



57.1090, -28.1547, 117.4224



19.1360, -9.4340, 39.3457

Inverse Universe

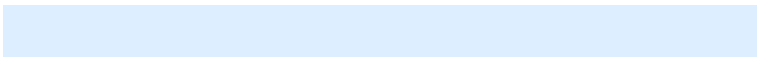
The Inverse Universe completely reimagines the original color for something new.



244.5350, 5.1592, -21.5172



242.7410, 6.0437, -25.2059



234.5560, 10.0789, -12.7656



124.1130, 1.9163, -7.9921



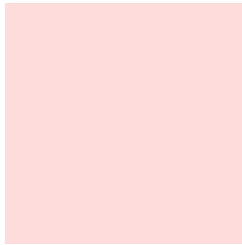
133.8910, 28.1547, -117.4224



44.8640, 9.4340, -39.3457

Previews

White Background



This preview shows how the YUV color 230.4650, -5.1592, 21.5172 looks on a white background.

Color Contrast Check

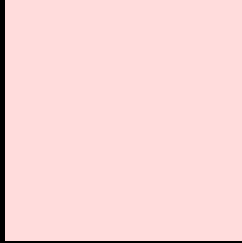
Large Text (above 18pt) WCAG AA × Fail

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 230.4650, -5.1592, 21.5172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

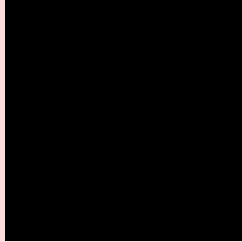
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 230.4650, -5.1592, 21.5172

Background



This preview shows how black text looks on a background with the YUV color 230.4650, -5.1592, 21.5172.



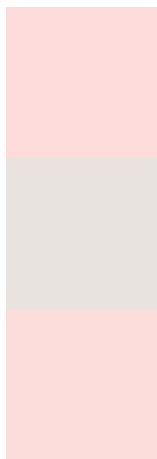
This preview shows how white text looks on a background with the YUV color 230.4650, -5.1592,

21.5172.

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

230.4650, -5.1592, 21.5172

Protanopia

228.4520, -2.1948, 3.9886

Deuteranopia

230.4540, -5.1538, 19.7728



Tritanopia

230.8870, 1.5347, 21.1471

Trichromacy



Original Color

230.4650, -5.1592, 21.5172

Protanomaly

228.9690, -2.9427, 10.5512

Deuteranomaly

230.7530, -5.3012, 20.3876

Tritanomaly

230.9040, -0.9387, 21.1322

Monochromacy



Original Color

230.4650, -5.1592, 21.5172

Achromatopsia

230.0000, 0.0000, 0.0000

Achromatomaly

229.8870, -1.9163, 7.9921

CSS Examples

Text

The CSS property to change the color of the text to YUV 230.4650, -5.1592, 21.5172 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, 220, 220)` looks like.

```
.text, #text, p{  
    color:rgb(255, 220, 220)  
}
```

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, 220, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 220, 220) }
```

Border

The CSS property to change the border of an element to YUV 230.4650, -5.1592, 21.5172 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, 220, 220) }
```


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

```
.border{ border-color:rgb(255, 220, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 220, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 220, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 220, 220);  
box-shadow:4px 4px 4px 4px rgb(255, 220,  
220) }
```

Background

The CSS property to change the background color of an element to YUV 230.4650, -5.1592, 21.5172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 220, 220) }
```

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

```
.background{ background-color: rgb(255,  
220, 220) }
```

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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