

Converting Colors

YUV(218.1130, -14.8457,
1.6549)

Have a look what the booklet for
YUV(218.1130, -14.8457, 1.6549)
contains.

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Color

**YUV(218.1130, -14.8457,
1.6549)**

Conversions

Conversions Part 1

Format	Color
Hex	DCDFBC
RGB	220, 223, 188
RGB Percent	86%, 87%, 74%
CMY	0.1373, 0.1255, 0.2627
CMYK	0.01, 0.00, 0.16, 0.13
HSL	65°, 35%, 81%
HSV	65°, 16%, 87%
XYZ	64.9800, 71.6218, 57.9765
YIQ	218.1130, 9.4470, -11.5210

Conversions

Conversions Part 2

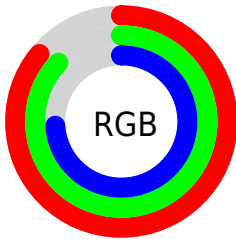
Format	Color
RYB	188, 223, 191
Decimal	14475196
CIELab	87.79, -6.88, 16.84
CIELCh	88, 18.190, 112.236
Yxy	71.6218, 0.3340, 0.3681
Android (android.graphics.Color)	4292665276 (0xFFDCDFBC)
YUV	218.1130, -14.8457, 1.6549
Hunter-Lab	84.6297, -11.0469, 18.6235

Details

The YUV color **218.1130, -14.8457, 1.6549** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **192.8870, 14.8457, -1.6549**, and the grayscale version is **218.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **253.7460, -4.8048, 1.0998**, and **163.3410, -13.9721, 1.4549** is the 20% darker color. If you saturate the color by 10%, you get **215.0070, -24.1605, 2.6249**, and if you desaturate by 10%, it is **221.2190, -5.5310, 0.6849**.

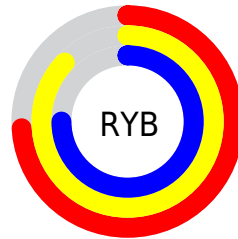
Distribution



Red (86%)

Green (87%)

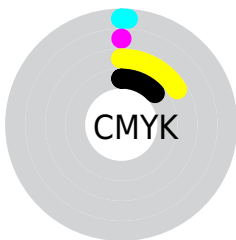
Blue (74%)



Red (74%)

Yellow (87%)

Blue (75%)

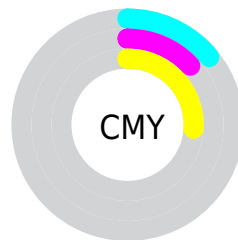


Cyan (1%)

Magenta (0%)

Yellow (16%)

Black (13%)



Cyan (14%)

Magenta (13%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.1130, -14.8457, 1.6549 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 218.1130, -14.8457, 1.6549 by changing the saturation by 10% instead.

■ 218.1130,
-14.8457, 1.6549

■ 218.1130,
-14.8457, 1.6549

255.0000, 0.0000,
0.0000

■ 190.2270,
-14.4089, 1.5549

■ 253.7460, -4.8048,
1.0998

■ 163.3410,
-13.9721, 1.4549

■ 136.4550,
-13.5353, 1.3550

■ 111.5690,
-13.0985, 1.2550

■ 86.6830, -12.6617,
1.1550

■ 63.4980, -12.0775,
0.4403

■ 41.7260, -11.2039,

0.2403

■ 21.2530, -10.4777,
0.6551

■ 0.0000, 0.0000,
0.0000

■ 218.1130,
-14.8457, 1.6549

■ 218.1130,
-14.8457, 1.6549

■ 215.0070,
-24.1605, 2.6249

■ 221.2190, -5.5310,
0.6849

■ 211.7870,
-33.9120, 3.6948

■ 224.4390, 4.2206,
-0.3850

■ 208.6810,
-43.2267, 4.6648

■ 227.5450, 13.5353,
-1.3550

■ 205.5750,
-52.5415, 5.6347

■ 228.1430, 13.2405,
-0.1254

■ 202.4690,
-61.8562, 6.6047

■ 228.7410, 12.9457,
1.1041

■ 199.5480,
-71.7552, 8.2894

■ 229.0400, 12.7983,
1.7189

■ 196.4420,
-81.0699, 9.2594

■ 229.6380, 12.5035,
2.9485

■ 193.3360,
-90.3846, 10.2293

■ 230.2360, 12.2087,
4.1780

■ 191.8970,
-94.6052, 10.6143

■ 230.8340, 11.9138,
5.4076

Harmonies

Analogous

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



219.7450, -16.6363, 16.0096



218.1130, -14.8457, 1.6549



216.3220, -8.5397, -14.3144

Triad

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



218.1130, -14.8457, 1.6549



215.8140, 15.3747, -31.4089



223.6810, 0.6503, 24.8358

Complementary

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



218.1130, -14.8457, 1.6549



192.8870, 14.8457, -1.6549

Split Complementary

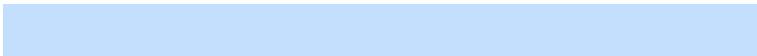
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



223.0800, 8.8346, 13.0848



218.1130, -14.8457, 1.6549



218.4610, 17.5207, -19.6983

Square

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



218.1130, -14.8457, 1.6549



213.7830, 8.9810, -34.0127



221.2890, 15.1405, -2.8845



222.6400, -7.2175, 28.3797

Rectangle

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



218.1130, -14.8457, 1.6549



214.4610, -2.6923, -23.2063



221.2890, 15.1405, -2.8845



223.4680, 3.7133, 22.3916

Sweetspot

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



218.1130, -14.8457, 1.6549



253.2190, -5.5310, 0.6849



200.2260, -6.0274, 19.9728



126.7890, -3.3470, 0.1850



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.



218.1130, -14.8457, 1.6549



248.3320, -20.3767, 2.3398



213.0300, -12.3398, -8.7963



110.4470, -4.6574, 0.4850



151.4510, -74.6653, 8.3745



41.3320, -20.3767, 2.3398

Inverse Universe

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



192.8870, 14.8457, -1.6549



213.6680, 20.3767, -2.3398



197.9700, 12.3398, 8.7963



102.5530, 4.6574, -0.4850



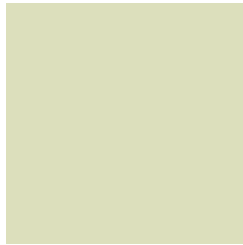
24.5490, 74.6653, -8.3745



6.6680, 20.3767, -2.3398

Previews

White Background



This preview shows how the YUV color 218.1130, -14.8457, 1.6549 looks on a white background.

Color Contrast Check

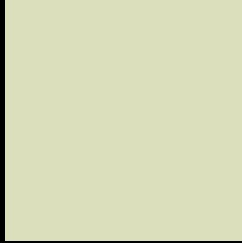
Large Text (above 18pt) WCAG AA × Fail

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 218.1130, -14.8457, 1.6549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

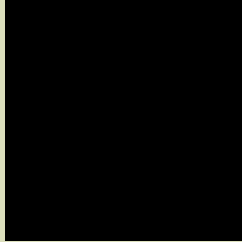
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

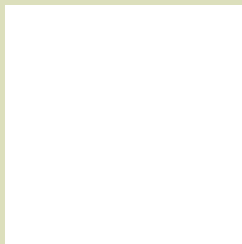
Any Text WCAG AAA ✓ Pass

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

YUV 218.1130, -14.8457, 1.6549 Background



This preview shows how black text looks on a background with the YUV color 218.1130, -14.8457, 1.6549.



This preview shows how white text looks on a background with the YUV color 218.1130, -14.8457, 1.6549.

1.6549.

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

218.1130, -14.8457, 1.6549

Protanopia

219.1250, -16.3306, 11.2914

Deuteranopia

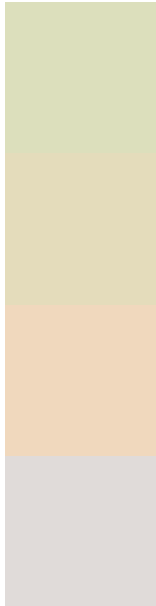
221.4520, -15.5058, 26.7906



Tritanopia

221.6290, 6.0989, 3.8334

Trichromacy



Original Color

218.1130, -14.8457, 1.6549

Protanomaly

218.6300, -15.5936, 8.2175

Deuteranomaly

220.0980, -15.3313, 17.4541

Tritanomaly

220.2670, -1.6106, 3.2738

Monochromacy



Original Color

218.1130, -14.8457, 1.6549

Achromatopsia

218.0000, 0.0000, 0.0000

Achromatomaly

218.2190, -5.5310, 0.6849

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.1130, -14.8457, 1.6549 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(220, 223, 188)` looks like.

```
.text, #text, p{  
    color:rgb(220, 223, 188)  
}
```

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(220, 223, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 223, 188) }
```

Border

The CSS property to change the border of an element to YUV 218.1130, -14.8457, 1.6549 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(220, 223, 188) }
```


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

```
.border{ border-color:rgb(220, 223, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 223, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 223, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 223, 188); box-shadow:4px 4px 4px 4px rgb(220, 223, 188) }
```

Background

The CSS property to change the background color of an element to YUV 218.1130, -14.8457, 1.6549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 223, 188) }
```

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

```
.background{ background-color: rgb(220,  
223, 188) }
```

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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