

Converting Colors

YUV(228.4080, -5.6241,
-16.1438)

Have a look what the booklet for
YUV(228.4080, -5.6241, -16.1438)
contains.

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Color

**YUV(228.4080, -5.6241,
-16.1438)**

Conversions

Conversions Part 1

Format	Color
Hex	D2F0D9
RGB	210, 240, 217
RGB Percent	82%, 94%, 85%
CMY	0.1765, 0.0588, 0.1490
CMYK	0.13, 0.00, 0.10, 0.06
HSL	134°, 50%, 88%
HSV	134°, 13%, 94%
XYZ	70.2628, 81.0316, 77.5831
YIQ	228.4080, -10.4970, -13.5130

Conversions

Conversions Part 2

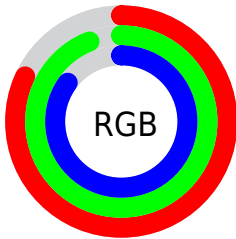
Format	Color
R _Y B	210, 234, 240
Decimal	13824217
CIE Lab	92.15, -14.05, 7.82
CIE LCh	92, 16.079, 150.885
Yxy	81.0316, 0.3070, 0.3540
Android (android.graphics.Color)	4292014297 (0xFFD2F0D9)
YUV	228.4080, -5.6241, -16.1438
Hunter-Lab	90.0175, -18.2033, 11.9122

Details

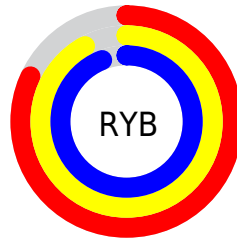
The YUV color $228.4080, -5.6241, -16.1438$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $221.5920, 5.6241, 16.1438$, and the grayscale version is $228.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $172.8210, -5.3348, -15.6290$ is the 20% darker color. If you saturate the color by 10%, you get $219.1800, -9.9487, -29.0989$, and if you desaturate by 10%, it is $237.6360, -1.2995, -3.1888$.

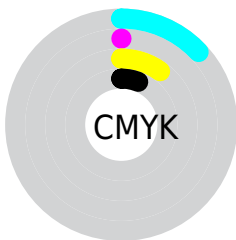
Distribution



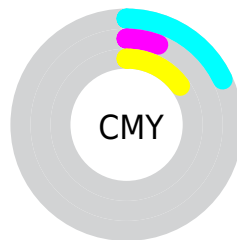
- Red (82%)
- Green (94%)
- Blue (85%)



- Red (82%)
- Yellow (92%)
- Blue (94%)



- Cyan (13%)
- Magenta (0%)
- Yellow (10%)
- Black (6%)



- Cyan (18%)
- Magenta (6%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 228.4080, -5.6241, -16.1438 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 228.4080, -5.6241, -16.1438 by changing the saturation by 10% instead.

■ 228.4080, -5.6241,
-16.1438

■ 228.4080, -5.6241,
-16.1438

255.0000, 0.0000,
0.0000

■ 200.4080, -5.6241,
-16.1438

■ 172.8210, -5.3348,
-15.6290

■ 146.2340, -5.0454,
-15.1142

■ 120.6470, -4.7560,
-14.5994

■ 95.6470, -4.7560,
-14.5994

■ 71.4730, -4.1772,
-13.5698

■ 48.8860, -3.8878,

-13.0550

■ 28.0000, -3.4510,
-13.1550

■ 8.2180, -4.0515,
-7.2072

■ 228.4080, -5.6241,
-16.1438

■ 228.4080, -5.6241,
-16.1438

■ 219.1800, -9.9487,
-29.0989

■ 237.6360, -1.2995,
-3.1888

■ 209.8380,
-14.7101, -41.9539

■ 246.0810, 3.9041,
7.8220

■ 200.6100,
-19.0347, -54.9090

■ 246.1950, 4.3409,
7.7220

■ 191.2680,
-23.7961, -67.7640

■ 182.0400,
-28.1207, -80.7191

■ 172.8120,
-32.4453, -93.6741

■ 163.4700,
-37.2067, -106.5292

■ 154.2420,
-41.5313, -119.4842

■ 147.2640,
-44.9932, -129.1505

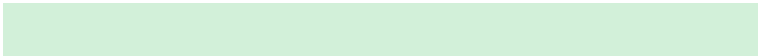
Harmonies

Analogous

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



229.8890, -11.7773, -2.5337



228.4080, -5.6241, -16.1438



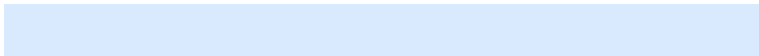
227.4050, 2.2653, -26.6652

Triad

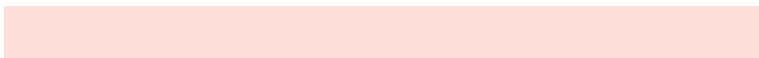
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



228.4080, -5.6241, -16.1438



231.3110, 11.6787, -12.5507



231.8840, -7.3378, 20.2727

Complementary

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



228.4080, -5.6241, -16.1438



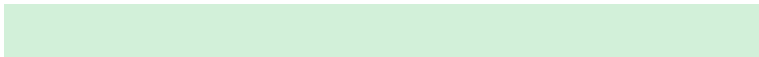
221.5920, 5.6241, 16.1438

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.



233.1210, -0.0597, 19.1879



228.4080, -5.6241, -16.1438



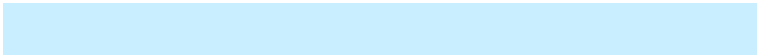
233.4700, 10.6143, 2.2188

Square

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



228.4080, -5.6241, -16.1438



228.5760, 13.0270, -25.0612



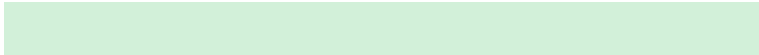
235.4070, 6.2083, 15.4291



232.9780, -13.3002, 19.3133

Rectangle

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



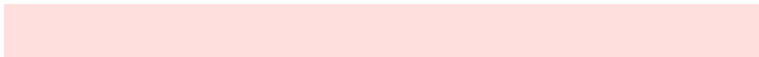
228.4080, -5.6241, -16.1438



226.8760, 7.9491, -29.7093



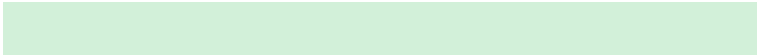
235.4070, 6.2083, 15.4291



231.8670, -4.8644, 20.2876

Sweetspot

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



228.4080, -5.6241, -16.1438



251.0980, -2.0203, -5.3479



234.4870, -12.0721, -1.3041



125.3370, -1.1521, -3.8035



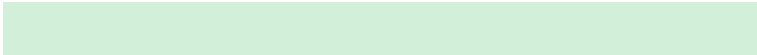
0.0000, 0.0000, 0.0000



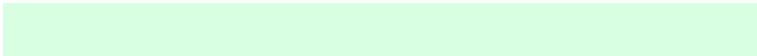
128.0000, 0.0000, 0.0000

Same Dimension

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



228.4080, -5.6241, -16.1438



240.3320, -7.0657, -20.4622



230.1180, 0.9278, -17.6435



115.3860, -2.1623, -6.4775



112.9100, -34.4656, -99.0221



34.3540, -10.5275, -30.1285

Inverse Universe

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



221.5920, 5.6241, 16.1438



231.6680, 7.0657, 20.4622



219.8820, -0.9278, 17.6435



112.6140, 2.1623, 6.4775



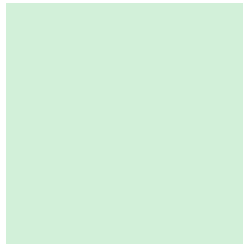
71.0900, 34.4656, 99.0221



21.6460, 10.5275, 30.1285

Previews

White Background



This preview shows how the YUV color 228.4080, -5.6241, -16.1438 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 228.4080, -5.6241, -16.1438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

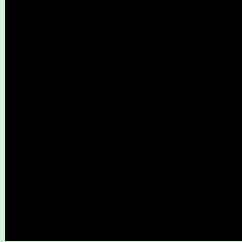
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

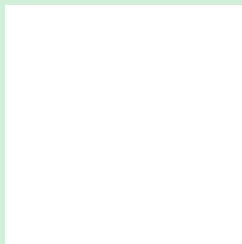
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 228.4080, -5.6241, -16.1438

Background



This preview shows how black text looks on a background with the YUV color 228.4080, -5.6241, -16.1438.



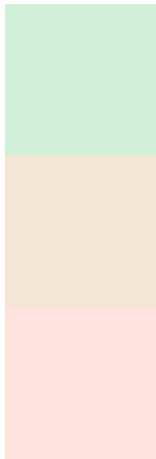
This preview shows how white text looks on a background with the YUV color 228.4080, -5.6241, -16.1438.

-16.1438.

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

228.4080, -5.6241, -16.1438

Protanopia

231.8240, -9.7732, 8.0474

Deuteranopia

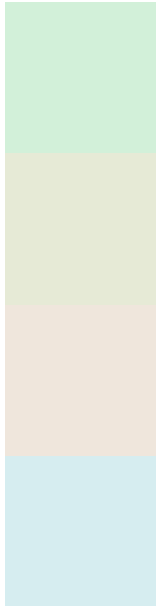
233.6280, -5.7326, 18.7432



Tritanopia

231.3710, 10.6631, -13.4804

Trichromacy



Original Color

228.4080, -5.6241, -16.1438

Protanomaly

230.5240, -8.1463, -0.4595

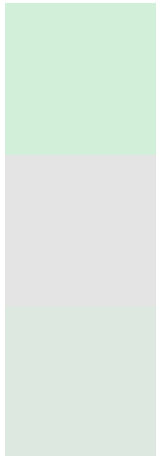
Deuteranomaly

231.5510, -5.6946, 6.5328

Tritanomaly

230.4650, 4.7008, -14.4398

Monochromacy



Original Color

228.4080, -5.6241, -16.1438

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

227.7990, -1.8729, -5.9627

CSS Examples

Text

The CSS property to change the color of the text to YUV 228.4080, -5.6241, -16.1438 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(210, 240, 217)` looks like.

```
.text, #text, p{  
    color:rgb(210, 240, 217)  
}
```

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(210, 240, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 240, 217) }
```

Border

The CSS property to change the border of an element to YUV 228.4080, -5.6241, -16.1438 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(210, 240, 217) }
```


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

```
.border{ border-color:rgb(210, 240, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 240, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 240, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 240, 217);  
box-shadow:4px 4px 4px 4px rgb(210, 240,  
217) }
```

Background

The CSS property to change the background color of an element to YUV 228.4080, -5.6241, -16.1438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 240, 217) }
```

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

```
.background{ background-color: rgb(210,  
240, 217) }
```

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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