

Converting Colors

YUV(228.3980, 13.1148,
-6.4880)

Have a look what the booklet for
YUV(228.3980, 13.1148, -6.4880)
contains.

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Color

**YUV(228.3980, 13.1148,
-6.4880)**

Conversions

Conversions Part 1

Format	Color
Hex	DDE3FF
RGB	221, 227, 255
RGB Percent	87%, 89%, 100%
CMY	0.1333, 0.1098, 0.0000
CMYK	0.13, 0.11, 0.00, 0.00
HSL	229°, 100%, 93%
HSV	229°, 13%, 100%
XYZ	75.3379, 77.5303, 105.6019
YIQ	228.3980, -12.5640, 7.4360

Conversions

Conversions Part 2

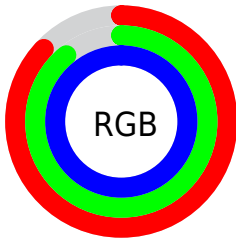
Format	Color
R _Y B	221, 226, 255
Decimal	14541823
CIE Lab	90.57, 3.40, -14.24
CIE LCh	91, 14.637, 283.424
Yxy	77.5303, 0.2915, 0.3000
Android (android.graphics.Color)	4292731903 (0xFFDDE3FF)
YUV	228.3980, 13.1148, -6.4880
Hunter-Lab	88.0513, -1.3628, -9.4719

Details

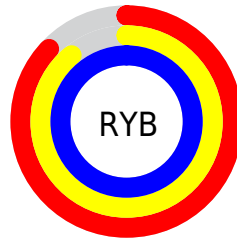
The YUV color $228.3980, 13.1148, -6.4880$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $247.6020, -13.1148, 6.4880$, and the grayscale version is $228.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $173.1700, 12.2412, -6.2881$ is the 20% darker color. If you saturate the color by 10%, you get $208.5960, 22.8772, -11.0467$, and if you desaturate by 10%, it is $248.4990, 3.2050, -1.3146$.

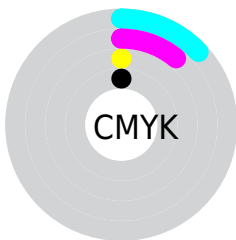
Distribution



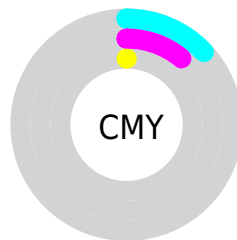
- Red (87%)
- Green (89%)
- Blue (100%)



- Red (87%)
- Yellow (89%)
- Blue (100%)



- Cyan (13%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (13%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 228.3980, 13.1148, -6.4880 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 228.3980, 13.1148, -6.4880 by changing the saturation by 10% instead.

■ 228.3980, 13.1148,
-6.4880

■ 228.3980, 13.1148,
-6.4880

255.0000, 0.0000,
0.0000

■ 200.2840, 12.6780,
-6.3881

■ 173.1700, 12.2412,
-6.2881

■ 146.1700, 12.2412,
-6.2881

■ 120.9420, 11.3676,
-6.0881

■ 95.9420, 11.3676,
-6.0881

■ 71.8280, 10.9308,
-5.9882

■ 49.3010, 10.2046,

-6.4030

■ 27.8880, 9.9152,
-6.9178

■ 3.6650, 11.5042,
-3.2142

■ 228.3980, 13.1148,
-6.4880

■ 228.3980, 13.1148,
-6.4880

■ 208.5960, 22.8772,
-11.0467

■ 248.4990, 3.2050,
-1.3146

■ 188.4950, 32.7870,
-16.2201

255.0000, 0.0000,
0.0000

■ 168.6930, 42.5494,
-20.7788

■ 148.5920, 52.4591,
-25.9522

■ 128.7900, 62.2215,
-30.5108

■ 108.6890, 72.1313,
-35.6843

■ 88.8870, 81.8937,
-40.2429

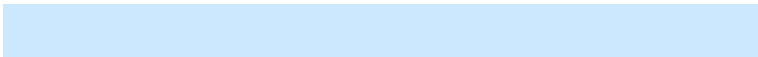
■ 68.7860, 91.8035,
-45.4163

■ 55.4850, 98.3609,
-48.6603

Harmonies

Analogous

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



226.1360, 13.7370, -19.4133



228.3980, 13.1148, -6.4880



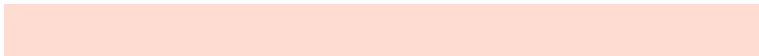
229.7480, 8.9982, 7.2370

Triad

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



228.3980, 13.1148, -6.4880



229.2110, -9.9640, 22.6170



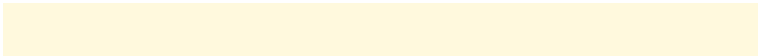
224.0100, -1.9769, -19.3028

Complementary

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



228.3980, 13.1148, -6.4880



247.6020, -13.1148, 6.4880

Split Complementary

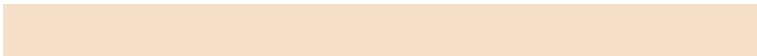
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



225.2520, -8.9982, -7.2370



228.3980, 13.1148, -6.4880



228.2550, -13.4367, 16.4394

Square

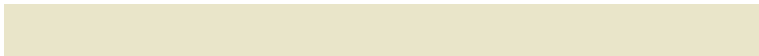
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



228.3980, 13.1148, -6.4880



230.1060, -3.9963, 21.8320



227.0040, -12.8200, 5.2585



222.9150, 5.4649, -26.2355

Rectangle

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



228.3980, 13.1148, -6.4880



230.7660, 5.0454, 15.1142



227.0040, -12.8200, 5.2585



224.0490, -4.4612, -15.8290

Sweetspot

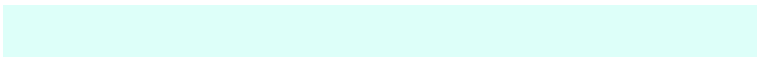
The Sweet Spot groups the original color and five complimentary colors.



228.3980, 13.1148, -6.4880



247.3140, 3.7892, -2.0294



244.1500, 2.3910, -20.3026



122.3850, 2.7682, -1.2146



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.



228.3980, 13.1148, -6.4880



222.7830, 15.8830, -7.7027



228.1650, 13.2297, 3.3633



117.6560, 5.0996, -2.3293



41.7320, 73.5891, -36.5990



13.7530, 24.7718, -12.0614

Inverse Universe

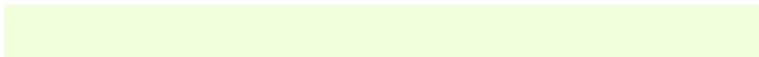
The Inverse Universe completely reimagines the original color for something new.



231.8500, -2.3910, 20.3026



227.0570, -2.9861, 24.5060



247.8350, -13.2297, -3.3633



119.1150, -1.0427, 7.7921



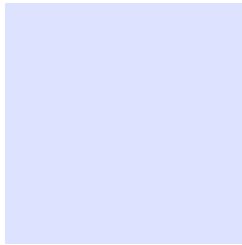
60.9850, -13.3036, 114.0232



20.3900, -4.6293, 38.2460

Previews

White Background



This preview shows how the YUV color 228.3980, 13.1148, -6.4880 looks on a white background.

Color Contrast Check

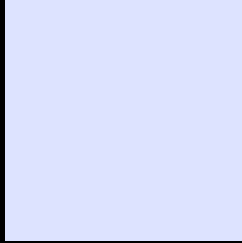
Large Text (above 18pt) WCAG AA × Fail

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 228.3980, 13.1148, -6.4880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

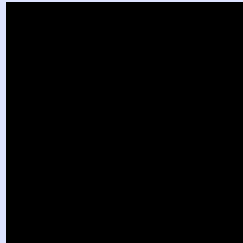
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 228.3980, 13.1148, -6.4880

Background



This preview shows how black text looks on a background with the YUV color 228.3980, 13.1148, -6.4880.



This preview shows how white text looks on a background with the YUV color 228.3980, 13.1148, -6.4880.

-6.4880.

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

228.3980, 13.1148, -6.4880

Protanopia

228.5940, 12.5252, -4.0289

Deuteranopia

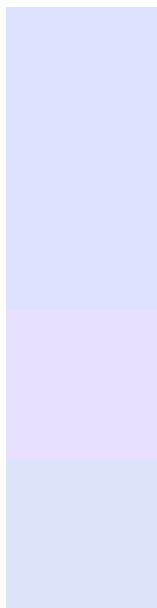
229.9480, 12.3506, 5.3076



Tritanopia

227.7740, 9.4784, -6.8178

Trichromacy



Original Color

228.3980, 13.1148, -6.4880

Protanomaly

228.2950, 12.6726, -4.6437

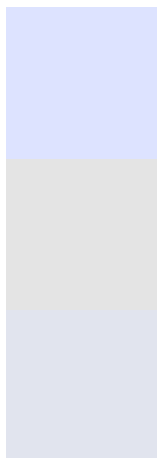
Deuteranomaly

229.6270, 12.5089, 1.2041

Tritanomaly

228.1160, 10.7888, -7.1177

Monochromacy



Original Color

228.3980, 13.1148, -6.4880

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

228.2430, 4.8102, -2.8441

CSS Examples

Text

The CSS property to change the color of the text to YUV 228.3980, 13.1148, -6.4880 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(221, 227, 255)` looks like.

```
.text, #text, p{  
    color:rgb(221, 227, 255)  
}
```

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(221, 227, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 227, 255) }
```

Border

The CSS property to change the border of an element to YUV 228.3980, 13.1148, -6.4880 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(221, 227, 255) }
```


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

```
.border{ border-color:rgb(221, 227, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 227, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 227, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 227, 255);  
box-shadow:4px 4px 4px 4px rgb(221, 227,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 228.3980, 13.1148, -6.4880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 227, 255) }
```

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

```
.background{ background-color: rgb(221,  
227, 255) }
```

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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