

Converting Colors

YUV(230.4580, 12.0992,
-7.4177)

Have a look what the booklet for
YUV(230.4580, 12.0992, -7.4177)
contains.

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Color

**YUV(230.4580, 12.0992,
-7.4177)**

Conversions

Conversions Part 1

Format	Color
Hex	DEE6FF
RGB	222, 230, 255
RGB Percent	87%, 90%, 100%
CMY	0.1294, 0.0980, 0.0000
CMYK	0.13, 0.10, 0.00, 0.00
HSL	225°, 100%, 94%
HSV	225°, 13%, 100%
XYZ	76.4710, 79.3432, 105.8921
YIQ	230.4580, -12.7930, 6.0790

Conversions

Conversions Part 2

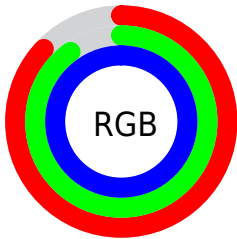
Format	Color
R _Y B	222, 228, 255
Decimal	14608127
CIE Lab	91.39, 2.15, -13.00
CIE LCh	91, 13.175, 279.409
Yxy	79.3432, 0.2922, 0.3032
Android (android.graphics.Color)	4292798207 (0xFFDEE6FF)
YUV	230.4580, 12.0992, -7.4177
Hunter-Lab	89.0748, -2.6381, -8.1315

Details

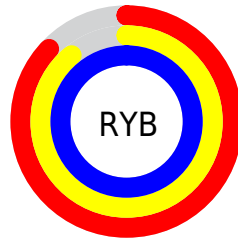
The YUV color $230.4580, 12.0992, -7.4177$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $246.5420, -12.0992, 7.4177$, and the grayscale version is $230.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $175.2300, 11.2256, -7.2177$ is the 20% darker color. If you saturate the color by 10%, you get $211.8300, 21.2828, -13.0059$, and if you desaturate by 10%, it is $249.3850, 2.7682, -1.2146$.

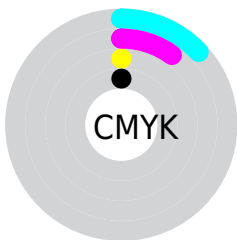
Distribution



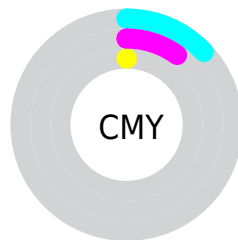
- Red (87%)
- Green (90%)
- Blue (100%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the YUV color 230.4580, 12.0992, -7.4177 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 230.4580, 12.0992, -7.4177 by changing the saturation by 10% instead.

■ 230.4580, 12.0992,
-7.4177

■ 230.4580, 12.0992,
-7.4177

255.0000, 0.0000,
0.0000

■ 202.3440, 11.6624,
-7.3177

■ 175.2300, 11.2256,
-7.2177

■ 148.2300, 11.2256,
-7.2177

■ 122.1160, 10.7888,
-7.1177

■ 97.4150, 10.6414,
-6.5030

■ 73.8880, 9.9152,
-6.9178

■ 50.7740, 9.4784,

-6.8178

■ 29.3610, 9.1890,
-7.3326

■ 6.0130, 10.3466,
-5.2734

■ 230.4580, 12.0992,
-7.4177

■ 230.4580, 12.0992,
-7.4177

■ 211.8300, 21.2828,
-13.0059

■ 249.3850, 2.7682,
-1.2146

■ 192.3160, 30.9032,
-18.6941

255.0000, 0.0000,
0.0000

■ 173.6880, 40.0868,
-24.2824

■ 154.7610, 49.4178,
-30.4854

■ 135.5460, 58.8908,
-35.5588

■ 116.6190, 68.2218,
-41.7619

■ 97.9910, 77.4054,
-47.3501

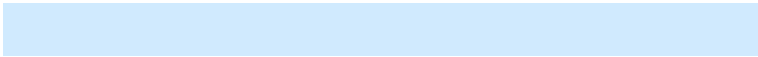
■ 78.4770, 87.0258,
-53.0383

■ 65.4640, 93.4412,
-57.4119

Harmonies

Analogous

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



228.5060, 12.5685, -17.9838



230.4580, 12.0992, -7.4177



232.3240, 8.7143, 4.9779

Triad

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



230.4580, 12.0992, -7.4177



231.6560, -8.2114, 20.4727



226.8040, -2.8614, -15.6141

Complementary

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



230.4580, 12.0992, -7.4177



246.5420, -12.0992, 7.4177

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.



228.3770, -8.5669, -5.5926



230.4580, 12.0992, -7.4177



231.2980, -11.9789, 15.5247

Square

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



230.4580, 12.0992, -7.4177



232.4370, -2.6804, 19.7878



229.8300, -12.2412, 6.2881



226.1820, 3.8543, -22.9616

Rectangle

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



230.4580, 12.0992, -7.4177



233.0430, 4.9088, 12.2403



229.8300, -12.2412, 6.2881



226.9570, -4.9088, -12.2403

Sweetspot

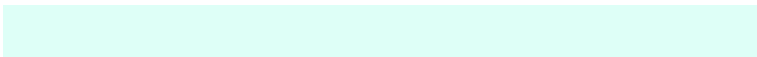
The Sweet Spot groups the original color and five complimentary colors.



230.4580, 12.0992, -7.4177



247.3140, 3.7892, -2.0294



244.2210, 1.3700, -19.4878



122.9720, 2.4788, -1.7294



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.



230.4580, 12.0992, -7.4177



224.5440, 15.0148, -9.2471



228.1540, 13.2351, 1.6189



118.2430, 4.8102, -2.8441



48.7760, 70.1164, -42.7766



16.1010, 23.6142, -14.1206

Inverse Universe

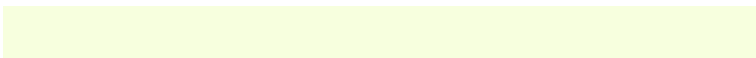
The Inverse Universe completely reimagines the original color for something new.



232.7790, -1.3700, 19.4878



227.3990, -1.6757, 24.2061



248.8460, -13.2351, -1.6189



119.2290, -0.6059, 7.6922



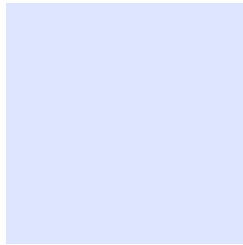
62.3530, -8.0620, 112.8234



20.8460, -2.8821, 37.8461

Previews

White Background



This preview shows how the YUV color 230.4580, 12.0992, -7.4177 looks on a white background.

Color Contrast Check

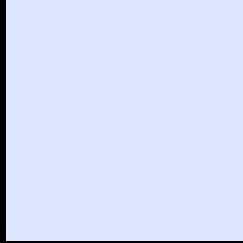
Large Text (above 18pt) WCAG AA × Fail

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 230.4580, 12.0992, -7.4177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

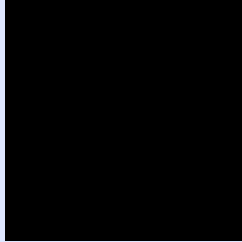
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 230.4580, 12.0992, -7.4177

Background



This preview shows how black text looks on a background with the YUV color 230.4580, 12.0992, -7.4177.



This preview shows how white text looks on a background with the YUV color 230.4580, 12.0992, -7.4177.

-7.4177.

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

230.4580, 12.0992, -7.4177

Protanopia

231.2520, 11.2148, -3.7290

Deuteranopia

232.3180, 11.1822, 6.7371



Tritanopia

230.0620, 9.3364, -7.9474

Trichromacy



Original Color

230.4580, 12.0992, -7.4177

Protanomaly

230.6540, 11.5096, -4.9586

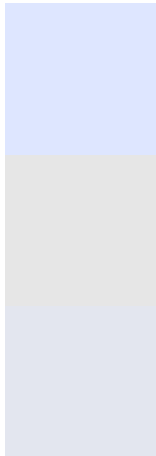
Deuteranomaly

231.3990, 11.6353, 1.4041

Tritanomaly

230.2900, 10.2100, -8.1473

Monochromacy



Original Color

230.4580, 12.0992, -7.4177

Achromatopsia

230.0000, 0.0000, 0.0000

Achromatomaly

230.1290, 4.3734, -2.7441

CSS Examples

Text

The CSS property to change the color of the text to YUV 230.4580, 12.0992, -7.4177 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(222, 230, 255)` looks like.

```
.text, #text, p{  
    color:rgb(222, 230, 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(222, 230, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 230, 255) }
```

Border

The CSS property to change the border of an element to YUV 230.4580, 12.0992, -7.4177 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(222, 230, 255) }
```


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

```
.border{ border-color:rgb(222, 230, 255) }
```

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

Here you see how a box with a 4 pixel rgb(222, 230, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 230, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 230, 255);  
box-shadow:4px 4px 4px 4px rgb(222, 230,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 230.4580, 12.0992, -7.4177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 230, 255) }
```

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

```
.background{ background-color: rgb(222,  
230, 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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