

Converting Colors

YUV(240.5580, 0.2179,
-23.2914)

Have a look what the booklet for
YUV(240.5580, 0.2179, -23.2914)
contains.

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Color

**YUV(240.5580, 0.2179,
-23.2914)**

Conversions

Conversions Part 1

Format	Color
Hex	D6FEF1
RGB	214, 254, 241
RGB Percent	84%, 100%, 95%
CMY	0.1608, 0.0039, 0.0549
CMYK	0.16, 0.00, 0.05, 0.00
HSL	160°, 95%, 92%
HSV	160°, 16%, 100%
XYZ	79.0506, 91.5306, 96.7199
YIQ	240.5580, -19.6670, -12.5230

Conversions

Conversions Part 2

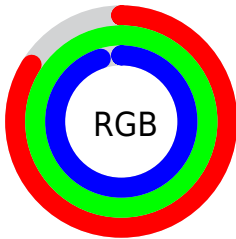
Format	Color
R _Y B	214, 238, 254
Decimal	14089969
CIE Lab	96.63, -15.26, 1.93
CIE LCh	97, 15.377, 172.791
Yxy	91.5306, 0.2957, 0.3424
Android (android.graphics.Color)	4292280049 (0xFFD6FEF1)
YUV	240.5580, 0.2179, -23.2914
Hunter-Lab	95.6716, -19.9363, 7.0305

Details

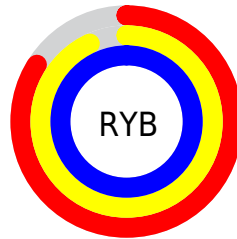
The YUV color $240.5580, 0.2179, -23.2914$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $227.4420, -0.2179, 23.2914$, and the grayscale version is $241.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $184.2700, 0.3599, -22.1618$ is the 20% darker color. If you saturate the color by 10%, you get $232.1710, 0.4087, -37.8610$, and if you desaturate by 10%, it is $248.9450, 0.0271, -8.7218$.

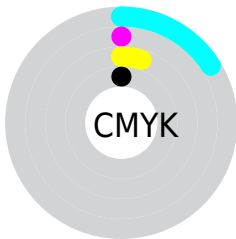
Distribution



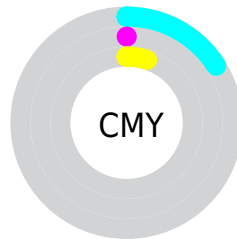
- Red (84%)
- Green (100%)
- Blue (95%)



- Red (84%)
- Yellow (93%)
- Blue (100%)



- Cyan (16%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)



- Cyan (16%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 240.5580, 0.2179, -23.2914 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 240.5580, 0.2179, -23.2914 by changing the saturation by 10% instead.

240.5580, 0.2179,
-23.2914

240.5580, 0.2179,
-23.2914

255.0000, 0.0000,
0.0000

211.9710, 0.5073,
-22.7766

184.2700, 0.3599,
-22.1618

157.2700, 0.3599,
-22.1618

130.9820, 0.5019,
-21.0322

105.9820, 0.5019,
-21.0322

81.3950, 0.7913,
-20.5174

57.8080, 1.0807,

-20.0026

■ 35.2100, 1.3755,
-21.2322

■ 17.7870, -0.3880,
-15.5992

■ 240.5580, 0.2179,
-23.2914

■ 240.5580, 0.2179,
-23.2914

■ 232.1710, 0.4087,
-37.8610

■ 248.9450, 0.0271,
-8.7218

■ 223.3710, 0.3101,
-52.9454

254.4130, 0.2894,
0.5148

■ 214.9840, 0.5009,
-67.5150

■ 206.2980, 0.8391,
-82.6993

■ 197.9110, 1.0299,
-97.2689

■ 189.4100, 0.7839,
-111.7386

■ 180.7240, 1.1221,
-126.9229

■ 172.3370, 1.3129,
-141.4925

■ 168.5920, 1.1871,
-147.8552

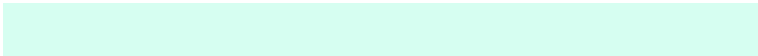
Harmonies

Analogous

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



241.9740, -7.3822, -12.2552



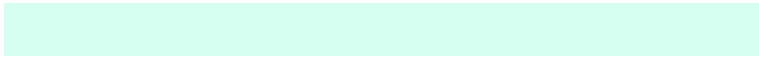
240.5580, 0.2179, -23.2914



240.3600, 7.2175, -28.3797

Triad

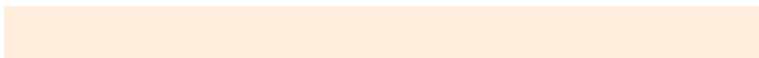
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



240.5580, 0.2179, -23.2914



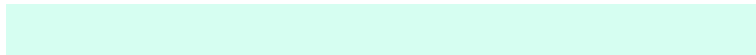
244.6670, 5.0942, -0.5850



241.2590, -9.4947, 12.0509

Complementary

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



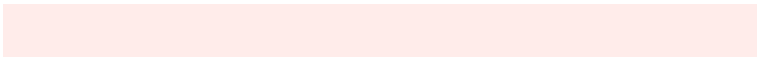
240.5580, 0.2179, -23.2914



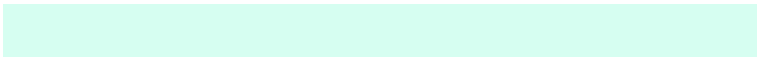
227.4420, -0.2179, 23.2914

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.



241.4530, -3.6743, 11.8807



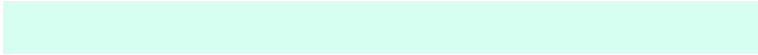
240.5580, 0.2179, -23.2914



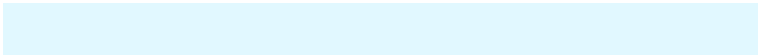
245.0210, 4.9196, 8.7516

Square

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



240.5580, 0.2179, -23.2914



241.9210, 6.4479, -14.8397



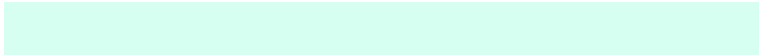
242.5760, 3.1670, 10.8958



243.5100, -13.5624, 10.0767

Rectangle

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



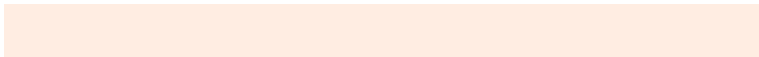
240.5580, 0.2179, -23.2914



240.0720, 7.3595, -27.2501



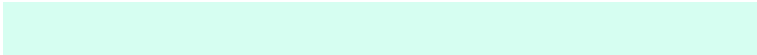
242.5760, 3.1670, 10.8958



241.1280, -7.4581, 12.1657

Sweetspot

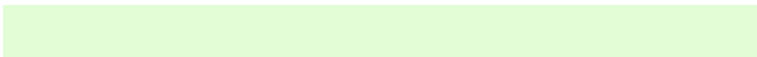
The Sweet Spot groups the original color and five complimentary colors.



240.5580, 0.2179, -23.2914



250.6570, 0.1691, -7.5922



241.3670, -13.4919, -12.5999



125.2660, -0.1311, -4.6183



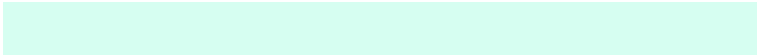
0.0000, 0.0000, 0.0000



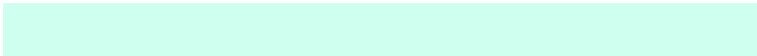
128.0000, 0.0000, 0.0000

Same Dimension

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



240.5580, 0.2179, -23.2914



238.8240, 0.0868, -27.9096



237.9310, 7.9220, -20.9875



123.5430, -0.2677, -7.4922



126.8230, 1.0733, -111.2238



42.4700, 0.2613, -37.2462

Inverse Universe

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



227.4420, -0.2179, 23.2914



223.0620, -0.5236, 28.0096



230.0690, -7.9220, 20.9875



119.3430, -0.1691, 7.5922



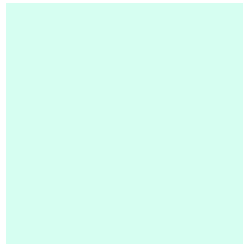
64.1770, -1.0733, 111.2238



21.5300, -0.2613, 37.2462

Previews

White Background



This preview shows how the YUV color 240.5580, 0.2179, -23.2914 looks on a white background.

Color Contrast Check

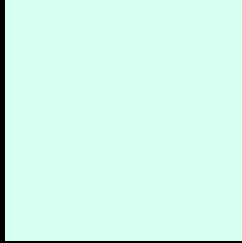
Large Text (above 18pt) WCAG AA × Fail

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 240.5580, 0.2179, -23.2914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

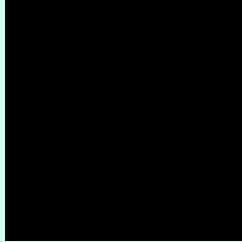
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

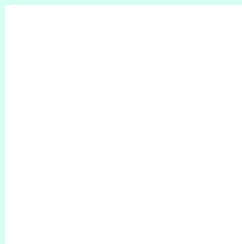
Any Text WCAG AAA ✓ Pass

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

YUV 240.5580, 0.2179, -23.2914 Background



This preview shows how black text looks on a background with the YUV color 240.5580, 0.2179, -23.2914.



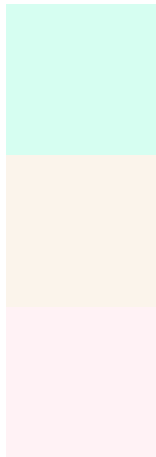
This preview shows how white text looks on a background with the YUV color 240.5580, 0.2179, -23.2914.

-23.2914.

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

240.5580, 0.2179, -23.2914

Protanopia

245.0670, -4.9630, 5.2032

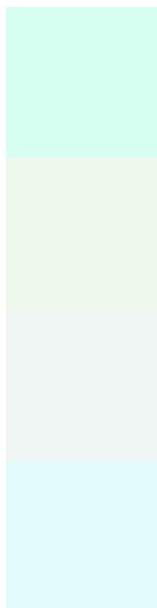
Deuteranopia

246.2290, -0.6059, 7.6922

Tritanopia

244.3240, 5.2633, -8.1771

Trichromacy



Original Color

240.5580, 0.2179, -23.2914

Protanomaly

243.7560, -3.3307, -5.0480

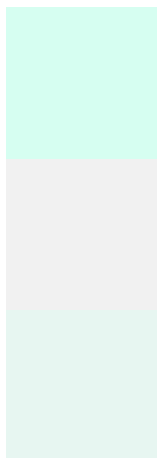
Deuteranomaly

243.9780, 0.0108, -3.4887

Tritanomaly

243.1230, 3.3904, -14.1399

Monochromacy



Original Color

240.5580, 0.2179, -23.2914

Achromatopsia

241.0000, 0.0000, 0.0000

Achromatomaly

240.9450, 0.0271, -8.7218

CSS Examples

Text

The CSS property to change the color of the text to YUV 240.5580, 0.2179, -23.2914 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(214, 254, 241)` looks like.

```
.text, #text, p{  
    color:rgb(214, 254, 241)  
}
```

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(214, 254, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 254, 241) }
```

Border

The CSS property to change the border of an element to YUV 240.5580, 0.2179, -23.2914 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(214, 254, 241) }
```


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

```
.border{ border-color:rgb(214, 254, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 254, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 254, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 254, 241);  
box-shadow:4px 4px 4px 4px rgb(214, 254,  
241) }
```

Background

The CSS property to change the background color of an element to YUV 240.5580, 0.2179, -23.2914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 254, 241) }
```

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

```
.background{ background-color: rgb(214,  
254, 241) }
```

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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