

Converting Colors

YUV(227.2320, 4.8156, -4.5885)

Have a look what the booklet for
YUV(227.2320, 4.8156, -4.5885)
contains.

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Color

**YUV(227.2320, 4.8156,
-4.5885)**

Conversions

Conversions Part 1

Format	Color
Hex	DEE4ED
RGB	222, 228, 237
RGB Percent	87%, 89%, 93%
CMY	0.1294, 0.1059, 0.0706
CMYK	0.06, 0.04, 0.00, 0.07
HSL	216°, 29%, 90%
HSV	216°, 6%, 93%
XYZ	73.1537, 77.1308, 91.1529
YIQ	227.2320, -6.4650, 1.5270

Conversions

Conversions Part 2

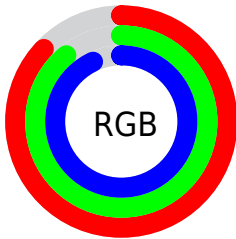
Format	Color
R _Y B	222, 226, 237
Decimal	14607597
CIE Lab	90.38, -0.33, -5.08
CIE LCh	90, 5.089, 266.312
Yxy	77.1308, 0.3030, 0.3195
Android (android.graphics.Color)	4292797677 (0xFFDEE4ED)
YUV	227.2320, 4.8156, -4.5885
Hunter-Lab	87.8242, -5.0096, -0.0603

Details

The YUV color $227.2320, 4.8156, -4.5885$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $231.7680, -4.8156, 4.5885$, and the grayscale version is $227.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $172.1180, 4.3788, -4.4885$ is the 20% darker color. If you saturate the color by 10%, you get $211.8380, 12.4049, -12.1359$, and if you desaturate by 10%, it is $242.6260, -2.7736, 2.9590$.

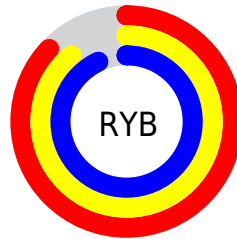
Distribution



Red (87%)

Green (89%)

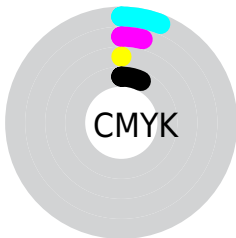
Blue (93%)



Red (87%)

Yellow (89%)

Blue (93%)

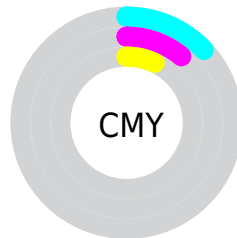


Cyan (6%)

Magenta (4%)

Yellow (0%)

Black (7%)



Cyan (13%)

Magenta (11%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 227.2320, 4.8156, -4.5885 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 227.2320, 4.8156, -4.5885 by changing the saturation by 10% instead.

■ 227.2320, 4.8156,
-4.5885

■ 227.2320, 4.8156,
-4.5885

255.0000, 0.0000,
0.0000

■ 199.2320, 4.8156,
-4.5885

■ 172.1180, 4.3788,
-4.4885

■ 145.1180, 4.3788,
-4.4885

■ 119.4170, 4.2314,
-3.8737

■ 95.0040, 3.9420,
-4.3885

■ 71.3030, 3.7946,
-3.7737

■ 49.1890, 3.3578,

-3.6738

■ 28.1890, 3.3578,
-3.6738

■ 2.6560, 5.0996,
-2.3293

■ 227.2320, 4.8156,
-4.5885

■ 227.2320, 4.8156,
-4.5885

■ 211.8380, 12.4049,
-12.1359

■ 242.6260, -2.7736,
2.9590

■ 196.7430, 19.8467,
-19.0686

■ 252.9480, -7.8624,
1.7996

■ 180.7620, 27.7253,
-26.1013

■ 165.3680, 35.3146,
-33.6487

■ 149.9740, 42.9038,
-41.1962

■ 134.8790, 50.3457,
-48.1289

■ 118.8980, 58.2243,
-55.1615

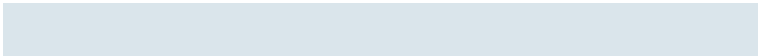
■ 103.5040, 65.8135,
-62.7090

■ 88.4090, 73.2554,
-69.6417

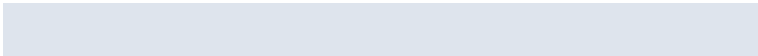
Harmonies

Analogous

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



226.3950, 4.2423, -7.3624



227.2320, 4.8156, -4.5885



227.7380, 4.0732, 0.2298

Triad

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



227.2320, 4.8156, -4.5885



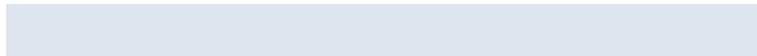
228.0720, -2.5005, 8.7069



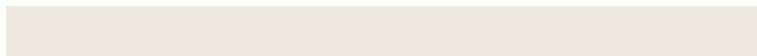
226.3970, -2.1677, -4.7332

Complementary

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



227.2320, 4.8156, -4.5885



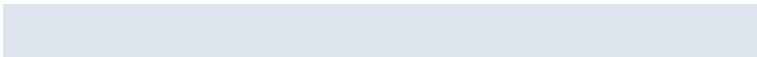
231.7680, -4.8156, 4.5885

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.



226.6750, -3.7838, 0.2850



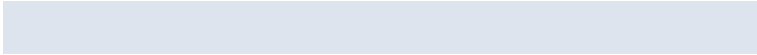
227.2320, 4.8156, -4.5885



227.9040, -4.3897, 7.9772

Square

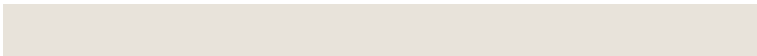
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



227.2320, 4.8156, -4.5885



228.3430, -0.1691, 7.5922



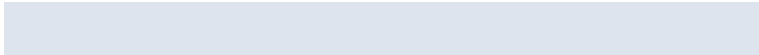
227.4690, -4.6682, 3.9737



225.7710, 0.6059, -7.6922

Rectangle

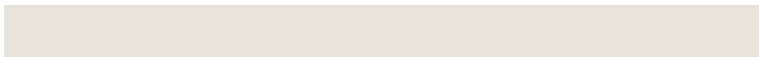
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



227.2320, 4.8156, -4.5885



228.1190, 2.8993, 3.4036



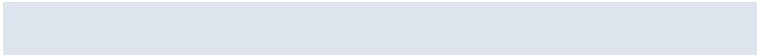
227.4690, -4.6682, 3.9737



226.2940, -2.6099, -2.8888

Sweetspot

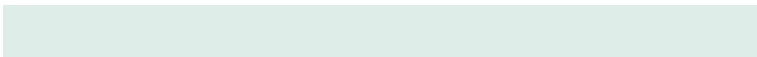
The Sweet Spot groups the original color and five complimentary colors.



227.2320, 4.8156, -4.5885



251.7440, 1.6052, -1.5295



231.8310, -0.4097, -8.6218



125.9290, 1.0210, -0.8147



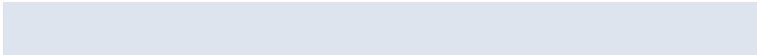
0.0000, 0.0000, 0.0000



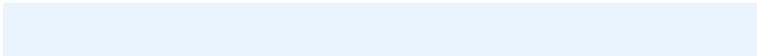
128.0000, 0.0000, 0.0000

Same Dimension

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



227.2320, 4.8156, -4.5885



241.9760, 6.4208, -6.1180



224.0090, 6.4046, -0.8849



109.6020, 3.6472, -3.1590



62.8980, 58.2243, -55.1615



18.4830, 17.5099, -16.2096

Inverse Universe

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



227.1690, 0.4097, 8.6218



241.8920, 0.5462, 11.4957



234.6920, -6.2572, 0.2701



109.7450, 0.1257, 6.3626



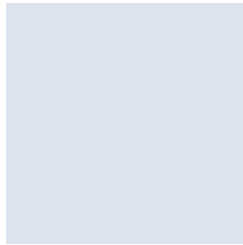
62.3270, 4.7688, 104.0762



18.5400, 1.2128, 31.0984

Previews

White Background



This preview shows how the YUV color 227.2320, 4.8156, -4.5885 looks on a white background.

Color Contrast Check

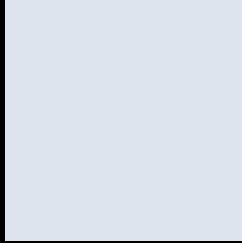
Large Text (above 18pt) WCAG AA × Fail

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 227.2320, 4.8156, -4.5885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

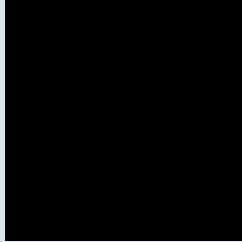
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

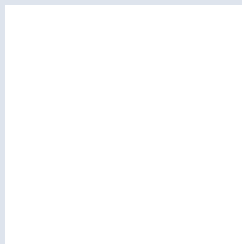
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 227.2320, 4.8156, -4.5885

Background



This preview shows how black text looks on a background with the YUV color 227.2320, 4.8156, -4.5885.



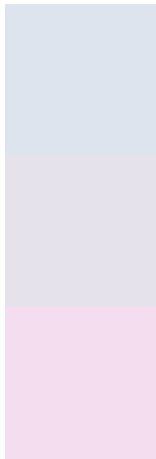
This preview shows how white text looks on a background with the YUV color 227.2320, 4.8156,

-4.5885.

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

227.2320, 4.8156, -4.5885

Protanopia

228.0370, 3.9258, 0.8446

Deuteranopia

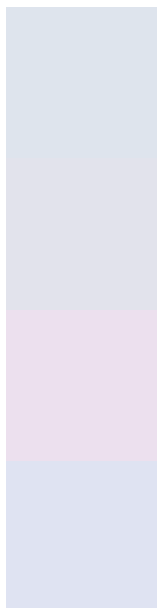
229.8150, 4.0352, 12.4402



Tritanopia

227.8560, 8.4520, -4.2587

Trichromacy



Original Color

227.2320, 4.8156, -4.5885

Protanomaly

227.7270, 4.0786, -1.5146

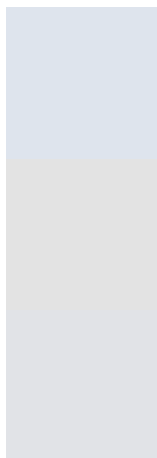
Deuteranomaly

229.1840, 4.3463, 5.9776

Tritanomaly

227.5140, 7.1416, -3.9588

Monochromacy



Original Color

227.2320, 4.8156, -4.5885

Achromatopsia

227.0000, 0.0000, 0.0000

Achromatomaly

226.8580, 2.0420, -1.6295

CSS Examples

Text

The CSS property to change the color of the text to YUV 227.2320, 4.8156, -4.5885 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, 228, 237)` looks like.

```
.text, #text, p{  
    color:rgb(222, 228, 237)  
}
```

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, 228, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 228, 237) }
```

Border

The CSS property to change the border of an element to YUV 227.2320, 4.8156, -4.5885 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, 228, 237) }
```


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

```
.border{ border-color:rgb(222, 228, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 228, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 228, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 228, 237);  
box-shadow:4px 4px 4px 4px rgb(222, 228,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 227.2320, 4.8156, -4.5885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 228, 237) }
```

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

```
.background{ background-color: rgb(222,  
228, 237) }
```

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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