

Converting Colors

YUV(235.2580, -4.5642,
17.3137)

Have a look what the booklet for
YUV(235.2580, -4.5642, 17.3137)
contains.

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Color

**YUV(235.2580, -4.5642,
17.3137)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE3E2
RGB	255, 227, 226
RGB Percent	100%, 89%, 89%
CMY	0.0000, 0.1098, 0.1137
CMYK	0.00, 0.11, 0.11, 0.00
HSL	2°, 100%, 94%
HSV	2°, 11%, 100%
XYZ	82.4366, 81.6892, 83.3742
YIQ	235.2580, 17.0090, 5.6250

Conversions

Conversions Part 2

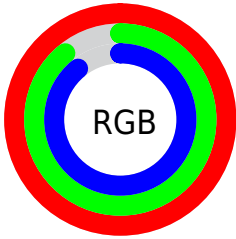
Format	Color
R _Y B	255, 227, 226
Decimal	16770018
CIE Lab	92.44, 9.43, 3.99
CIE LCh	92, 10.236, 22.930
Yxy	81.6892, 0.3331, 0.3301
Android (android.graphics.Color)	4294960098 (0xFFFFE3E2)
YUV	235.2580, -4.5642, 17.3137
Hunter-Lab	90.3821, 4.6394, 8.5745

Details

The YUV color $235.2580, -4.5642, 17.3137$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $245.7420, 4.5642, -17.3137$, and the grayscale version is $235.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $179.6600, -4.2694, 16.0842$ is the 20% darker color. If you saturate the color by 10%, you get $217.7330, -8.2494, 32.6832$, and if you desaturate by 10%, it is $252.7830, -0.8790, 1.9443$.

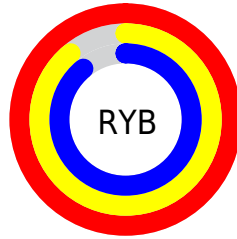
Distribution



Red (100%)

Green (89%)

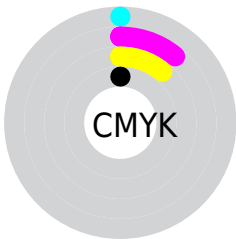
Blue (89%)



Red (100%)

Yellow (89%)

Blue (89%)

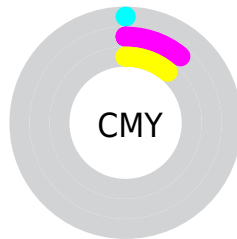


Cyan (0%)

Magenta (11%)

Yellow (11%)

Black (0%)



Cyan (0%)

Magenta (11%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 235.2580, -4.5642, 17.3137 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 235.2580, -4.5642, 17.3137 by changing the saturation by 10% instead.

 235.2580, -4.5642,
17.3137

 235.2580, -4.5642,
17.3137


255.0000, 0.0000,
0.0000


 206.9590, -4.4168,
16.6990

 179.6600, -4.2694,
16.0842

 152.6600, -4.2694,
16.0842

 126.4750, -3.6852,
15.3694

 101.7630, -3.8272,
14.2398

 77.4640, -3.6798,
13.6251

 54.2790, -3.0955,

12.9103

■ 32.6810, -2.8007,
11.6808

■ 8.9590, -4.4168,
16.6990

■ 235.2580, -4.5642,
17.3137

■ 235.2580, -4.5642,
17.3137

■ 217.7330, -8.2494,
32.6832

■ 252.7830, -0.8790,
1.9443

■ 200.6810,
-12.6607, 47.6378

255.0000, 0.0000,
0.0000

■ 183.0420,
-16.7827, 63.1072

■ 166.1040,
-20.7573, 77.9618

■ 148.4650,
-24.8792, 93.4312

■ 130.9400,
-28.5644, 108.8006

■ 114.0020,
-32.5390, 123.6552

■ 96.3630, -36.6610,
139.1246

■ 81.5280, -40.1933,
152.1349

Harmonies

Analogous

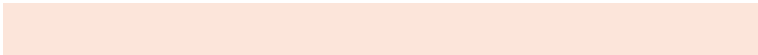
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



235.5010, 0.2460, 14.4696



235.2580, -4.5642, 17.3137



234.6230, -8.1951, 15.2396

Triad

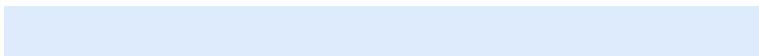
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



235.2580, -4.5642, 17.3137



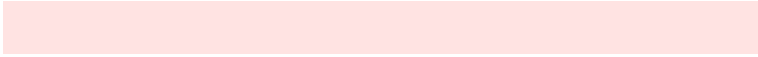
231.2780, -5.0671, -8.1368



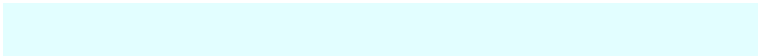
232.8660, 9.9261, -10.4065

Complementary

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



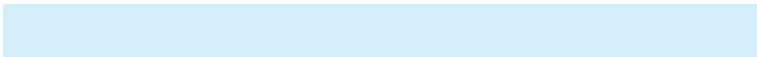
235.2580, -4.5642, 17.3137



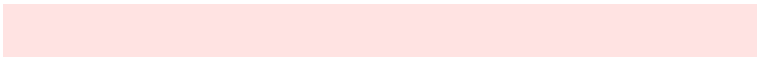
245.7420, 4.5642, -17.3137

Split Complementary

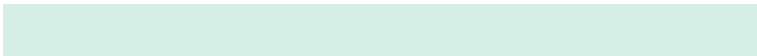
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



231.4800, 8.6374, -17.0840



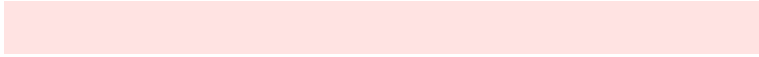
235.2580, -4.5642, 17.3137



230.2000, -0.0986, -15.0844

Square

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



235.2580, -4.5642, 17.3137



232.1220, -8.4411, 0.7700



230.2580, 5.2958, -18.6433



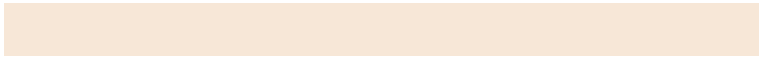
234.4650, 8.1518, -1.2848

Rectangle

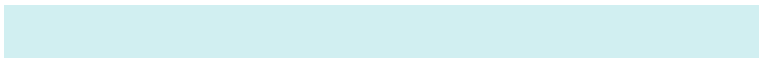
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



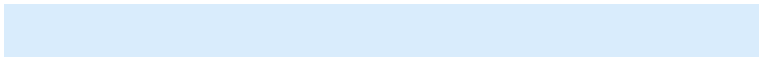
235.2580, -4.5642, 17.3137



233.9600, -9.3473, 11.4361



230.2580, 5.2958, -18.6433



232.1430, 9.7895, -13.2804

Sweetspot

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



235.2580, -4.5642, 17.3137



249.9790, -1.4686, 4.4034



237.8630, 7.9555, 15.0291



124.3810, -1.1738, 3.1739



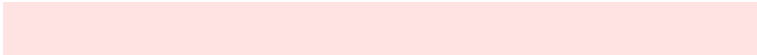
0.0000, 0.0000, 0.0000



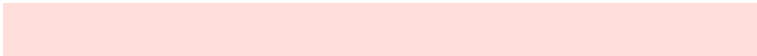
128.0000, 0.0000, 0.0000

Same Dimension

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



235.2580, -4.5642, 17.3137



230.9380, -5.8854, 21.1024



243.4760, -8.6157, 10.1065



118.8870, -1.9163, 7.9921



61.2180, -30.1805, 113.8188



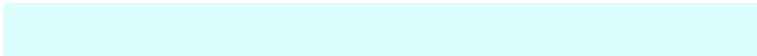
20.3100, -10.0128, 38.3161

Inverse Universe

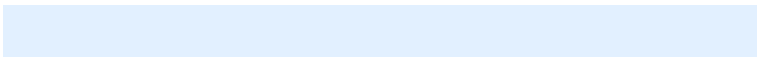
The Inverse Universe completely reimagines the original color for something new.



245.7420, 4.5642, -17.3137



243.6490, 5.5960, -21.6172



237.5240, 8.6157, -10.1065



123.5260, 2.2057, -7.4773



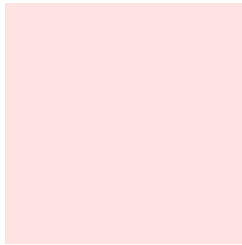
130.3690, 29.8911, -114.3336



43.6900, 10.0128, -38.3161

Previews

White Background



This preview shows how the YUV color 235.2580, -4.5642, 17.3137 looks on a white background.

Color Contrast Check

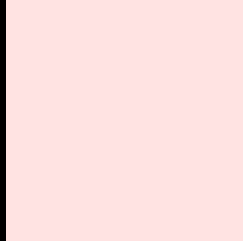
Large Text (above 18pt) WCAG AA × Fail

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 235.2580, -4.5642, 17.3137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

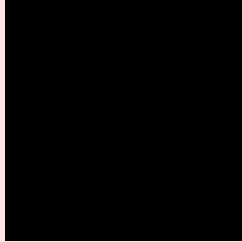
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

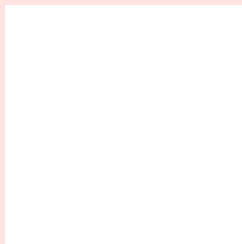
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 235.2580, -4.5642, 17.3137

Background



This preview shows how black text looks on a background with the YUV color 235.2580, -4.5642, 17.3137.

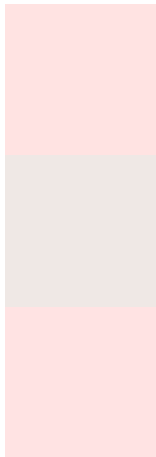


This preview shows how white text looks on a background with the YUV color 235.2580, -4.5642,

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

235.2580, -4.5642, 17.3137

Protanopia

233.7510, -2.3422, 4.6034

Deuteranopia

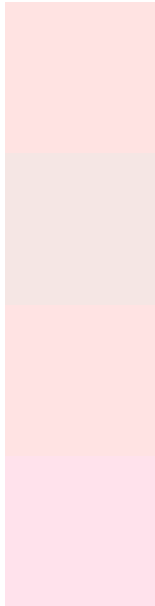
235.3720, -4.1274, 17.2138



Tritanopia

235.7940, 2.5666, 16.8437

Trichromacy



Original Color

235.2580, -4.5642, 17.3137

Protanomaly

234.2570, -3.0847, 9.4216

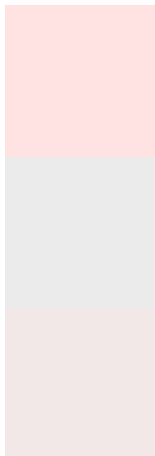
Deuteranomaly

235.3720, -4.1274, 17.2138

Tritanomaly

235.8110, 0.0932, 16.8288

Monochromacy



Original Color

235.2580, -4.5642, 17.3137

Achromatopsia

235.0000, 0.0000, 0.0000

Achromatomaly

234.9900, -1.4741, 6.1478

CSS Examples

Text

The CSS property to change the color of the text to YUV 235.2580, -4.5642, 17.3137 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(255, 227, 226)` looks like.

```
.text, #text, p{  
    color:rgb(255, 227, 226)  
}
```

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(255, 227, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 227, 226) }
```

Border

The CSS property to change the border of an element to YUV 235.2580, -4.5642, 17.3137 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(255, 227, 226) }
```


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

```
.border{ border-color:rgb(255, 227, 226) }
```

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

Here you see how a box with a 4 pixel rgb(255, 227, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 227, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 227, 226);  
box-shadow:4px 4px 4px 4px rgb(255, 227,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 235.2580, -4.5642, 17.3137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 227, 226) }
```

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

```
.background{ background-color: rgb(255,  
227, 226) }
```

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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