

Converting Colors

YUV(235.2310, 2.8441,
-25.6356)

Have a look what the booklet for
YUV(235.2310, 2.8441, -25.6356)
contains.

YUV(235.2310, 2.8441, -25.6356)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(235.2310, 2.8441,
-25.6356)**

Conversions

Conversions Part 1

Format	Color
Hex	CEF9F1
RGB	206, 249, 241
RGB Percent	81%, 98%, 95%
CMY	0.1922, 0.0235, 0.0549
CMYK	0.17, 0.00, 0.03, 0.02
HSL	169°, 78%, 89%
HSV	169°, 17%, 98%
XYZ	75.2065, 87.2240, 96.0912
YIQ	235.2310, -23.0600, -11.6040

Conversions

Conversions Part 2

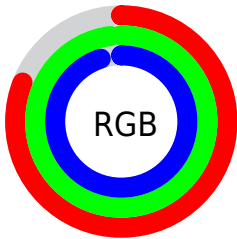
Format	Color
R _Y B	206, 230, 249
Decimal	13564401
CIE Lab	94.83, -15.27, -0.75
CIE LCh	95, 15.286, 182.803
Yxy	87.2240, 0.2909, 0.3374
Android (android.graphics.Color)	4291754481 (0xFFCEF9F1)
YUV	235.2310, 2.8441, -25.6356
Hunter-Lab	93.3938, -19.7000, 4.3733

Details

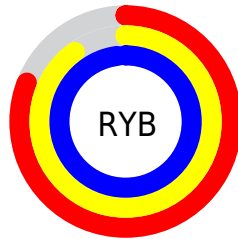
The YUV color $235.2310, 2.8441, -25.6356$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $219.7690, -2.8441, 25.6356$, and the grayscale version is $235.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $179.5300, 2.6967, -25.0208$ is the 20% darker color. If you saturate the color by 10%, you get $227.1860, 4.3453, -40.5051$, and if you desaturate by 10%, it is $243.2760, 1.3429, -10.7661$.

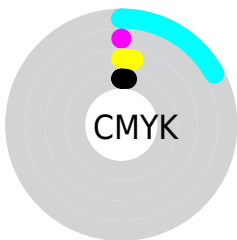
Distribution



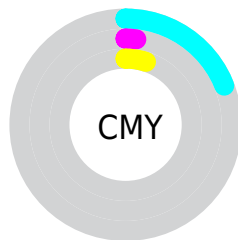
- Red (81%)
- Green (98%)
- Blue (95%)



- Red (81%)
- Yellow (90%)
- Blue (98%)



- Cyan (17%)
- Magenta (0%)
- Yellow (3%)
- Black (2%)



- Cyan (19%)
- Magenta (2%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 235.2310, 2.8441, -25.6356 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 235.2310, 2.8441, -25.6356 by changing the saturation by 10% instead.

■ 235.2310, 2.8441,
-25.6356

■ 235.2310, 2.8441,
-25.6356

255.0000, 0.0000,
0.0000

■ 206.6440, 3.1335,
-25.1208

■ 179.5300, 2.6967,
-25.0208

■ 152.2420, 2.8387,
-23.8912

■ 126.2420, 2.8387,
-23.8912

■ 100.6550, 3.1281,
-23.3764

■ 76.6550, 3.1281,
-23.3764

■ 53.0680, 3.4175,

-22.8616

■ 30.1710, 3.8597,
-24.7060

■ 16.0260, 0.4802,
-14.0548

■ 235.2310, 2.8441,
-25.6356

■ 235.2310, 2.8441,
-25.6356

■ 227.1860, 4.3453,
-40.5051

■ 243.2760, 1.3429,
-10.7661

■ 219.2550, 6.2833,
-55.4746

■ 250.9080, -0.4476,
3.5887

■ 211.2100, 7.7845,
-70.3442

■ 251.4780, 1.7363,
3.0888

■ 203.1650, 9.2857,
-85.2137

■ 195.5330, 11.0762,
-99.5684

■ 187.4880, 12.5774,
-114.4380

■ 179.5570, 14.5154,
-129.4075

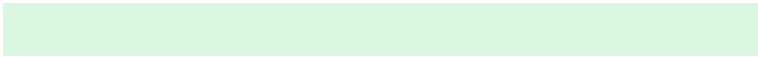
■ 171.5120, 16.0166,
-144.2770

■ 169.3050, 16.6116,
-148.4805

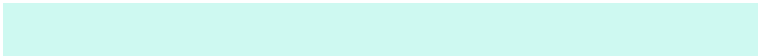
Harmonies

Analogous

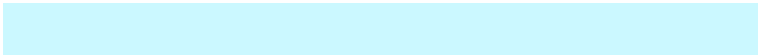
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



236.5220, -5.1873, -16.2438



235.2310, 2.8441, -25.6356



235.3430, 9.6909, -28.3648

Triad

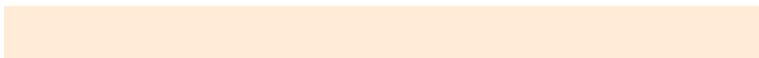
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



235.2310, 2.8441, -25.6356



240.8570, 6.9725, 3.6334



238.5860, -12.1209, 14.3951

Complementary

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



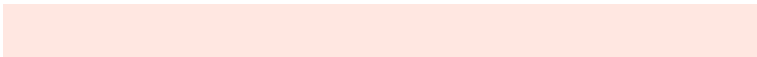
235.2310, 2.8441, -25.6356



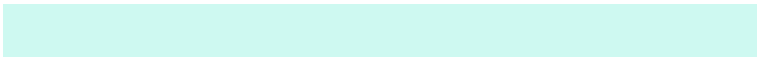
219.7690, -2.8441, 25.6356

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.



237.4920, -6.1586, 15.3545



235.2310, 2.8441, -25.6356



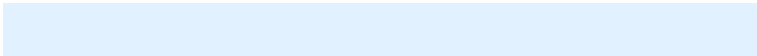
241.3850, 6.2192, 11.9404

Square

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



235.2310, 2.8441, -25.6356



238.1110, 8.3263, -10.6213



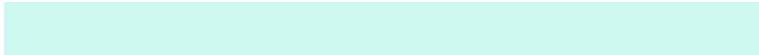
238.5010, 0.2460, 14.4696



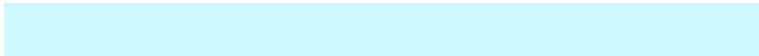
239.9830, -14.2886, 9.6619

Rectangle

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



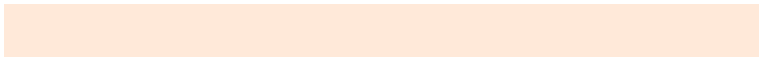
235.2310, 2.8441, -25.6356



235.9520, 9.3907, -25.3909



238.5010, 0.2460, 14.4696



237.7540, -10.2317, 15.1247

Sweetspot

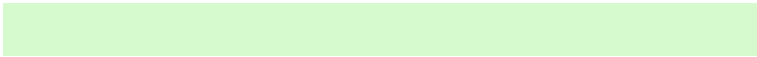
The Sweet Spot groups the original color and five complimentary colors.



235.2310, 2.8441, -25.6356



250.8850, 1.0427, -7.7921



233.9320, -13.7705, -16.6034



125.3800, 0.3057, -4.7183



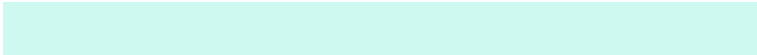
0.0000, 0.0000, 0.0000



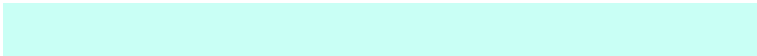
128.0000, 0.0000, 0.0000

Same Dimension

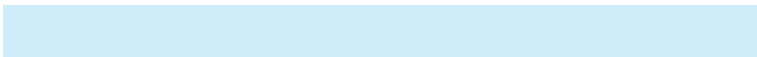
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235.2310, 2.8441, -25.6356



237.7140, 3.5920, -32.1982



228.5120, 10.1006, -19.7430



120.8850, 1.0427, -7.7921



128.4990, 12.5720, -112.6936



41.5070, 4.1870, -36.4016

Inverse Universe

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



219.7690, -2.8441, 25.6356



218.2860, -3.5920, 32.1982



226.4880, -10.1006, 19.7430



116.2290, -0.6059, 7.6922



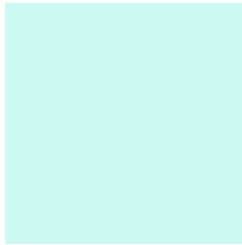
60.5010, -12.5720, 112.6936



19.4930, -4.1870, 36.4016

Previews

White Background



This preview shows how the YUV color 235.2310, 2.8441, -25.6356 looks on a white background.

Color Contrast Check

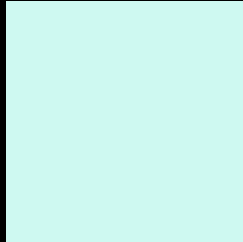
Large Text (above 18pt) WCAG AA × Fail

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 235.2310, 2.8441, -25.6356 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

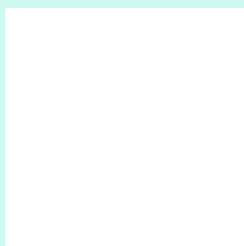
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 235.2310, 2.8441, -25.6356

Background



This preview shows how black text looks on a background with the YUV color 235.2310, 2.8441, -25.6356.



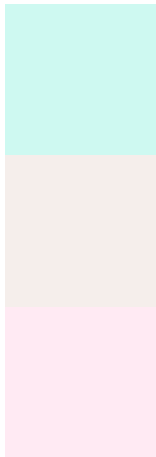
This preview shows how white text looks on a background with the YUV color 235.2310, 2.8441, -25.6356.

-25.6356.

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

235.2310, 2.8441, -25.6356

Protanopia

239.7510, -2.3422, 4.6034

Deuteranopia

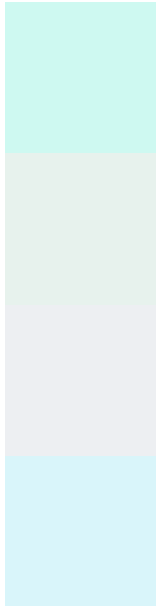
241.3050, 0.8356, 12.0105



Tritanopia

238.3880, 8.1897, -13.4953

Trichromacy



Original Color

235.2310, 2.8441, -25.6356

Protanomaly

238.1410, -0.5625, -6.2627

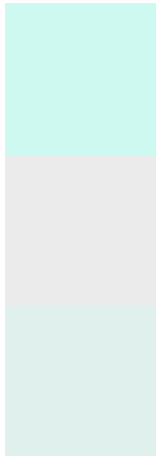
Deuteranomaly

238.7440, 1.6052, -1.5295

Tritanomaly

237.1980, 6.3114, -17.7136

Monochromacy



Original Color

235.2310, 2.8441, -25.6356

Achromatopsia

235.0000, 0.0000, 0.0000

Achromatomaly

234.8740, 1.0481, -9.5365

CSS Examples

Text

The CSS property to change the color of the text to YUV 235.2310, 2.8441, -25.6356 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(206, 249, 241)` looks like.

```
.text, #text, p{  
    color:rgb(206, 249, 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(206, 249, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 249, 241) }
```

Border

The CSS property to change the border of an element to YUV 235.2310, 2.8441, -25.6356 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(206, 249, 241) }
```


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

```
.border{ border-color:rgb(206, 249, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 249, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 249, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 249, 241);  
box-shadow:4px 4px 4px 4px rgb(206, 249,  
241) }
```

Background

The CSS property to change the background color of an element to YUV 235.2310, 2.8441, -25.6356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 249, 241) }
```

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

```
.background{ background-color: rgb(206,  
249, 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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