

Converting Colors

YUV(236.6580, 8.5496,
-35.6571)

Have a look what the booklet for
YUV(236.6580, 8.5496, -35.6571)
contains.

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Color

**YUV(236.6580, 8.5496,
-35.6571)**

Conversions

Conversions Part 1

Format	Color
Hex	C4FEFE
RGB	196, 254, 254
RGB Percent	77%, 100%, 100%
CMY	0.2314, 0.0039, 0.0039
CMYK	0.23, 0.00, 0.00, 0.00
HSL	180°, 97%, 88%
HSV	180°, 23%, 100%
XYZ	76.0962, 89.7751, 107.0836
YIQ	236.6580, -34.5680, -12.2960

Conversions

Conversions Part 2

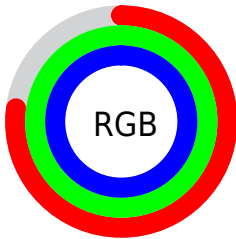
Format	Color
R_{YB}	196, 225, 254
Decimal	12910334
CIE _{Lab}	95.90, -18.06, -5.96
CIE _{LCh}	96, 19.021, 198.246
Yxy	89.7751, 0.2788, 0.3289
Android (android.graphics.Color)	4291100414 (0xFFC4FEFE)
YUV	236.6580, 8.5496, -35.6571
Hunter-Lab	94.7497, -22.4537, -0.6831

Details

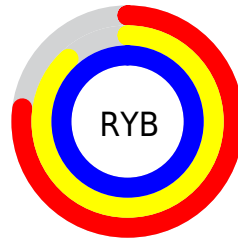
The YUV color $236.6580, 8.5496, -35.6571$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $213.3420, -8.5496, 35.6571$, and the grayscale version is $237.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.7010, 0.1474, -0.6148$, and $180.2560, 8.2548, -34.4275$ is the 20% darker color. If you saturate the color by 10%, you get $229.1830, 12.2348, -51.0265$, and if you desaturate by 10%, it is $244.1330, 4.8644, -20.2876$.

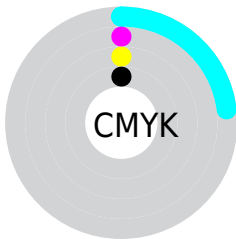
Distribution



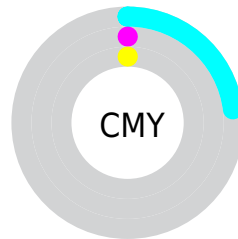
- Red (77%)
- Green (100%)
- Blue (100%)



- Red (77%)
- Yellow (88%)
- Blue (100%)



- Cyan (23%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)



- Cyan (23%)
- Magenta (0%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 236.6580, 8.5496, -35.6571 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 236.6580, 8.5496, -35.6571 by changing the saturation by 10% instead.

236.6580, 8.5496,
-35.6571

236.6580, 8.5496,
-35.6571

255.0000, 0.0000,
0.0000

207.9570, 8.4022,
-35.0423

254.7010, 0.1474,
-0.6148

180.2560, 8.2548,
-34.4275

153.2560, 8.2548,
-34.4275

126.6690, 8.5442,
-33.9127

101.2560, 8.2548,
-34.4275

75.9570, 8.4022,
-35.0423

49.3800, 10.1657,

-40.6753

■ 32.4740, 7.6543,
-28.4797

■ 18.9270, 3.9800,
-16.5990

■ 236.6580, 8.5496,
-35.6571

■ 236.6580, 8.5496,
-35.6571

■ 229.1830, 12.2348,
-51.0265

■ 244.1330, 4.8644,
-20.2876

■ 221.4090, 16.0674,
-67.0107

■ 251.9070, 1.0318,
-4.3034

■ 213.9340, 19.7525,
-82.3801

■ 254.2990, -0.1474,
0.6148

■ 206.1600, 23.5851,
-98.3643

■ 198.6850, 27.2703,
-113.7337

■ 191.2100, 30.9555,
-129.1032

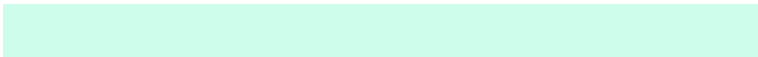
■ 183.4360, 34.7881,
-145.0874

■ 178.0540, 37.4414,
-156.1534

Harmonies

Analogous

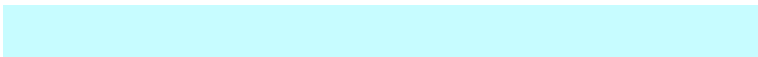
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



237.4820, -1.2236, -27.6097



236.6580, 8.5496, -35.6571



236.4950, 9.1230, -32.8831

Triad

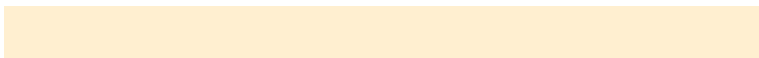
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



236.6580, 8.5496, -35.6571



243.2600, 5.7878, 10.2960



240.2500, -15.8992, 12.9358

Complementary

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



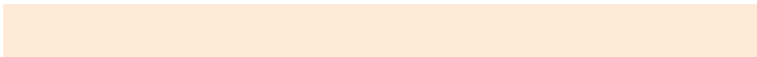
236.6580, 8.5496, -35.6571



213.3420, -8.5496, 35.6571

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.



238.2270, -10.9579, 14.7099



236.6580, 8.5496, -35.6571



240.4560, 5.1982, 12.7551

Square

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



236.6580, 8.5496, -35.6571



241.6990, 6.5574, -3.2440



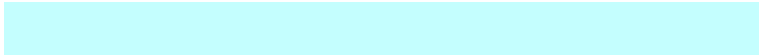
238.2900, -3.1010, 14.6547



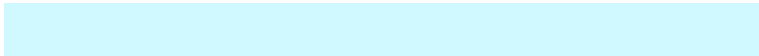
241.6680, -16.5983, 3.7992

Rectangle

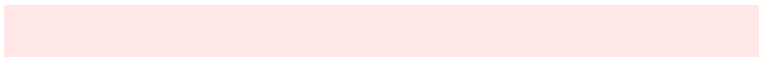
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



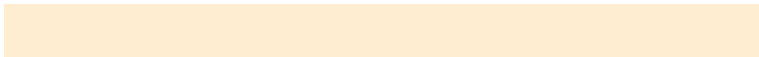
236.6580, 8.5496, -35.6571



237.4250, 8.6645, -25.8057



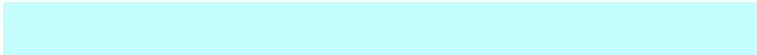
238.2900, -3.1010, 14.6547



239.3040, -14.4469, 13.7654

Sweetspot

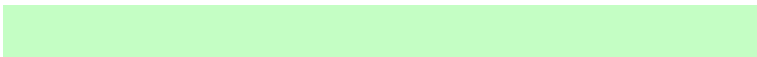
The Sweet Spot groups the original color and five complimentary colors.



236.6580, 8.5496, -35.6571



249.6180, 2.6533, -11.0660



230.0460, -16.7847, -29.8583



124.7110, 1.6215, -6.7625



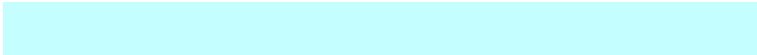
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

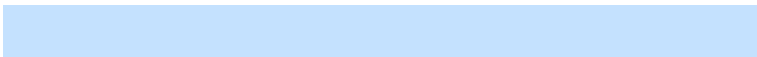
The Same Dimension uses a secret algorithm to generate beautiful new colors.



236.6580, 8.5496, -35.6571



234.3690, 10.1711, -42.4196



219.6350, 16.9419, -20.7279



124.1130, 1.9163, -7.9921



133.8910, 28.1547, -117.4224



44.8640, 9.4340, -39.3457

Inverse Universe

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



219.9540, 16.7847, 29.8583



214.4970, 19.9680, 35.5211



230.3650, -16.9419, 20.7279



120.3690, 3.7621, 6.6924



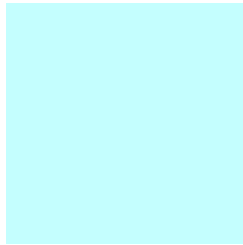
78.8830, 55.2737, 98.3266



26.4320, 18.5210, 32.9471

Previews

White Background



This preview shows how the YUV color 236.6580, 8.5496, -35.6571 looks on a white background.

Color Contrast Check

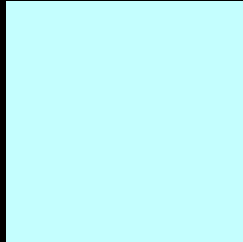
Large Text (above 18pt) WCAG AA × Fail

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 236.6580, 8.5496, -35.6571 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

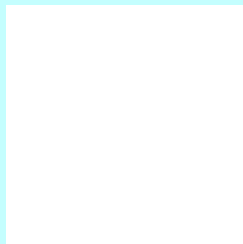
Any Text WCAG AAA ✓ Pass

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

YUV 236.6580, 8.5496, -35.6571 Background



This preview shows how black text looks on a background with the YUV color 236.6580, 8.5496, -35.6571.



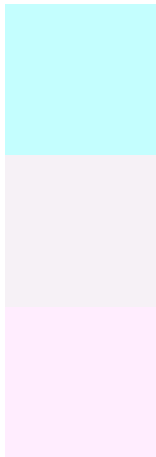
This preview shows how white text looks on a background with the YUV color 236.6580, 8.5496,

-35.6571.

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

236.6580, 8.5496, -35.6571

Protanopia

243.0650, 1.4470, 2.5740

Deuteranopia

244.3200, 4.7722, 9.3664



Tritanopia

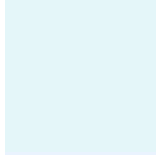
241.0460, 6.8793, -13.1953

Trichromacy



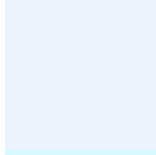
Original Color

236.6580, 8.5496, -35.6571



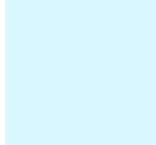
Protanomaly

240.9600, 3.9637, -11.3659



Deuteranomaly

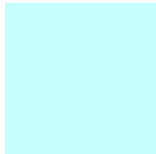
241.5630, 6.1314, -6.6328



Tritanomaly

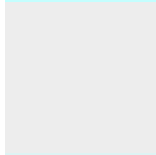
239.5180, 7.6326, -21.5023

Monochromacy



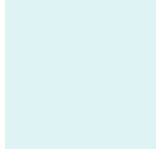
Original Color

236.6580, 8.5496, -35.6571



Achromatopsia

237.0000, 0.0000, 0.0000



Achromatomaly

236.7210, 3.0955, -12.9103

CSS Examples

Text

The CSS property to change the color of the text to YUV 236.6580, 8.5496, -35.6571 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(196, 254, 254)` looks like.

```
.text, #text, p{  
    color:rgb(196, 254, 254)  
}
```

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(196, 254, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 254, 254) }
```

Border

The CSS property to change the border of an element to YUV 236.6580, 8.5496, -35.6571 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(196, 254, 254) }
```


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

```
.border{ border-color:rgb(196, 254, 254) }
```

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

Here you see how a box with a 4 pixel rgb(196, 254, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 254, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 254, 254);  
box-shadow:4px 4px 4px 4px rgb(196, 254,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 236.6580, 8.5496, -35.6571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 254, 254) }
```

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

```
.background{ background-color: rgb(196,  
254, 254) }
```

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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