

Converting Colors

YUV(235.6040, -9.6648,
-26.8397)

Have a look what the booklet for
YUV(235.6040, -9.6648, -26.8397)
contains.

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Color

**YUV(235.6040, -9.6648,
-26.8397)**

Conversions

Conversions Part 1

Format	Color
Hex	CDFFD8
RGB	205, 255, 216
RGB Percent	80%, 100%, 85%
CMY	0.1961, 0.0000, 0.1529
CMYK	0.20, 0.00, 0.15, 0.00
HSL	133°, 100%, 90%
HSV	133°, 20%, 100%
XYZ	73.3315, 89.4570, 78.3677
YIQ	235.6040, -17.2810, -22.7290

Conversions

Conversions Part 2

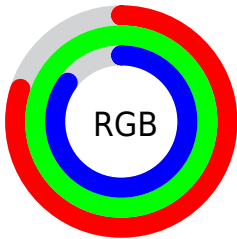
Format	Color
R_{YB}	205, 246, 255
Decimal	13500376
CIE _{Lab}	95.77, -23.19, 13.47
CIE _{LCh}	96, 26.817, 149.838
Yxy	89.4570, 0.3041, 0.3710
Android (android.graphics.Color)	4291690456 (0xFFCDDFD8)
YUV	235.6040, -9.6648, -26.8397
Hunter-Lab	94.5817, -27.1226, 17.0812

Details

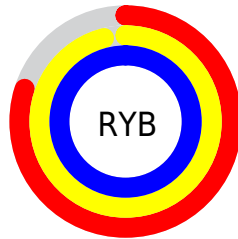
The YUV color $235.6040, -9.6648, -26.8397$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $224.3960, 9.6648, 26.8397$, and the grayscale version is $236.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $179.4300, -9.0860, -25.8101$ is the 20% darker color. If you saturate the color by 10%, you get $225.5500, -14.5682, -40.8244$, and if you desaturate by 10%, it is $245.6580, -4.7614, -12.8551$.

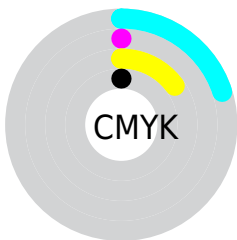
Distribution



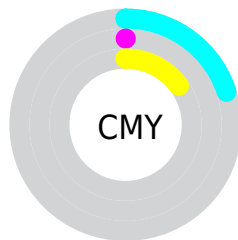
- Red (80%)
- Green (100%)
- Blue (85%)



- Red (80%)
- Yellow (96%)
- Blue (100%)



- Cyan (20%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)



- Cyan (20%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the YUV color 235.6040, -9.6648, -26.8397 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 235.6040, -9.6648, -26.8397 by changing the saturation by 10% instead.


 235.6040, -9.6648,
-26.8397

 235.6040, -9.6648,
-26.8397


255.0000, 0.0000,
0.0000


 207.0170, -9.3754,
-26.3249


 179.4300, -9.0860,
-25.8101

 152.8430, -8.7966,
-25.2953

 126.3700, -8.0704,
-24.8805

 100.7830, -7.7810,
-24.3657

 76.3100, -7.0548,
-23.9509

 52.5380, -6.1812,

-24.1508

■ 29.7550, -5.3022,
-26.0951

■ 16.4360, -8.1029,
-14.4144

■ 235.6040, -9.6648,
-26.8397

■ 235.6040, -9.6648,
-26.8397

■ 225.5500,
-14.5682, -40.8244

■ 245.6580, -4.7614,
-12.8551

■ 215.7950,
-19.6189, -54.1942

255.0000, 0.0000,
0.0000

■ 206.0400,
-24.6697, -67.5641

■ 195.9860,
-29.5731, -81.5487

■ 186.3450,
-34.1871, -95.0186

■ 176.2910,
-39.0905, -109.0032

■ 166.2370,
-43.9938, -122.9878

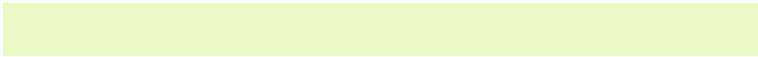
■ 156.4820,
-49.0446, -136.3577

■ 156.0690,
-49.3340, -136.8725

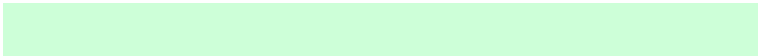
Harmonies

Analogous

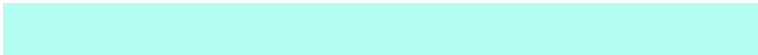
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



238.8860, -20.6498, -3.4080



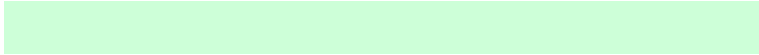
235.6040, -9.6648, -26.8397



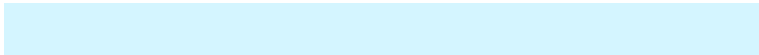
231.3920, 5.2297, -44.1938

Triad

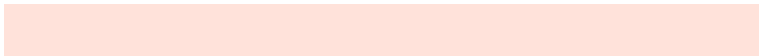
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



235.6040, -9.6648, -26.8397



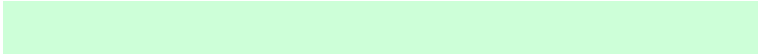
236.2730, 9.2324, -21.2874



233.7590, -7.7692, 18.6284

Complementary

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



235.6040, -9.6648, -26.8397



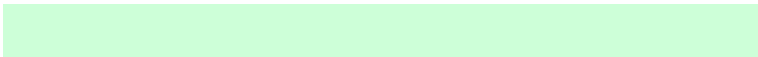
224.3960, 9.6648, 26.8397

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.



236.1360, 3.8770, 16.5437



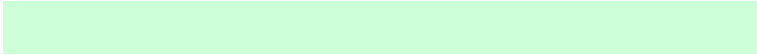
235.6040, -9.6648, -26.8397



241.4550, 6.6777, 4.8630

Square

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



235.6040, -9.6648, -26.8397



232.2980, 11.1921, -43.2343



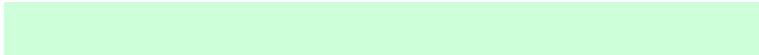
239.1510, 7.8136, 13.8996



235.1150, -17.8047, 17.4391

Rectangle

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



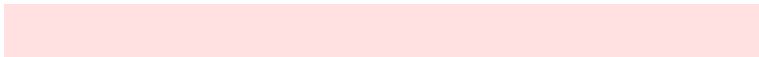
235.6040, -9.6648, -26.8397



230.1830, 12.2348, -51.0265



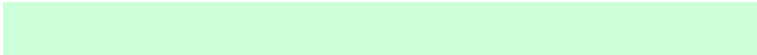
239.1510, 7.8136, 13.8996



234.0840, -3.9854, 18.3433

Sweetspot

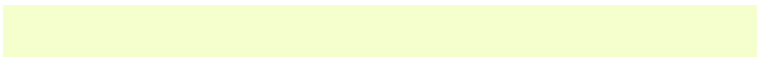
The Sweet Spot groups the original color and five complimentary colors.



235.6040, -9.6648, -26.8397



249.1470, -3.0305, -8.0219



246.0110, -20.2184, -1.7636



124.5110, -1.7309, -4.8331



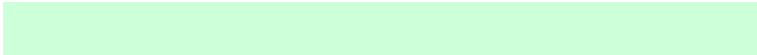
0.0000, 0.0000, 0.0000



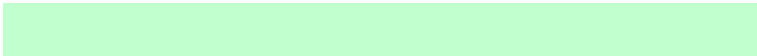
128.0000, 0.0000, 0.0000

Same Dimension

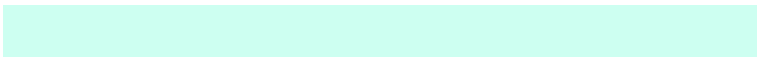
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235.6040, -9.6648, -26.8397



231.2890, -11.9745, -32.7025



238.4540, 1.2552, -29.3392



122.9730, -2.4517, -6.9923



116.9050, -36.9282, -102.5257



39.1640, -12.4059, -34.3468

Inverse Universe

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



224.3960, 9.6648, 26.8397



217.7110, 11.9745, 32.7025



221.5460, -1.2552, 29.3392



120.0270, 2.4517, 6.9923



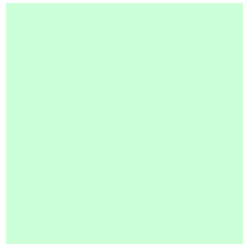
74.0950, 36.9282, 102.5257



24.8360, 12.4059, 34.3468

Previews

White Background



This preview shows how the YUV color 235.6040, -9.6648, -26.8397 looks on a white background.

Color Contrast Check

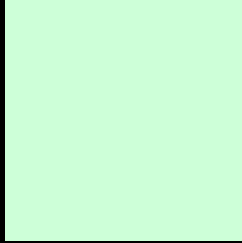
Large Text (above 18pt) WCAG AA × Fail

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 235.6040, -9.6648, -26.8397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

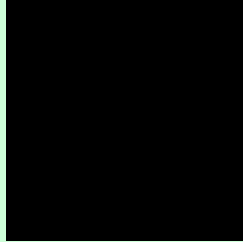
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

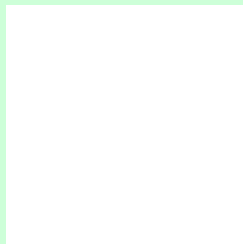
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 235.6040, -9.6648, -26.8397

Background



This preview shows how black text looks on a background with the YUV color 235.6040, -9.6648, -26.8397.



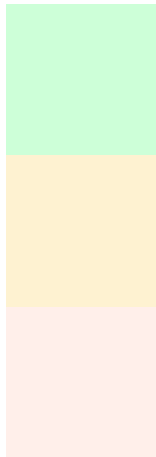
This preview shows how white text looks on a background with the YUV color 235.6040, -9.6648,

-26.8397.

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

235.6040, -9.6648, -26.8397

Protanopia

241.8260, -16.1832, 10.6766

Deuteranopia

243.2140, -4.5425, 10.3363



Tritanopia

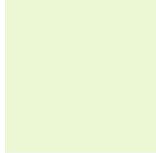
241.3560, 6.7265, -10.8362

Trichromacy



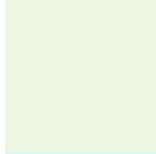
Original Color

235.6040, -9.6648, -26.8397



Protanomaly

239.7210, -13.6665, -3.2633



Deuteranomaly

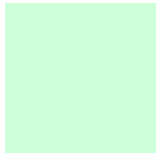
240.5560, -6.6831, -3.1186



Tritanomaly

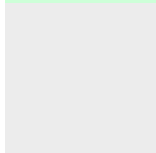
239.4170, 0.7804, -17.0287

Monochromacy



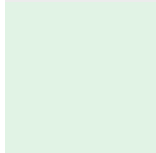
Original Color

235.6040, -9.6648, -26.8397



Achromatopsia

236.0000, 0.0000, 0.0000



Achromatomaly

236.0220, -3.4618, -9.6663

CSS Examples

Text

The CSS property to change the color of the text to YUV 235.6040, -9.6648, -26.8397 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(205, 255, 216)` looks like.

```
.text, #text, p{  
    color:rgb(205, 255, 216)  
}
```

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(205, 255, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 255, 216) }
```

Border

The CSS property to change the border of an element to YUV 235.6040, -9.6648, -26.8397 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(205, 255, 216) }
```


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

```
.border{ border-color:rgb(205, 255, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 255, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 255, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 255, 216);  
box-shadow:4px 4px 4px 4px rgb(205, 255,  
216) }
```

Background

The CSS property to change the background color of an element to YUV 235.6040, -9.6648, -26.8397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 255, 216) }
```

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

```
.background{ background-color: rgb(205,  
255, 216) }
```

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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