

Converting Colors

YUV(236.5280, 9.1067,
-27.6501)

Have a look what the booklet for
YUV(236.5280, 9.1067, -27.6501)
contains.

YUV(236.5280, 9.1067, -27.6501)	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(236.5280, 9.1067,
-27.6501)**

Conversions

Conversions Part 1

Format	Color
Hex	CDF9FF
RGB	205, 249, 255
RGB Percent	80%, 98%, 100%
CMY	0.1961, 0.0235, 0.0000
CMYK	0.20, 0.02, 0.00, 0.00
HSL	187°, 100%, 90%
HSV	187°, 20%, 100%
XYZ	77.1025, 87.9505, 107.5202
YIQ	236.5280, -28.1500, -7.4620

Conversions

Conversions Part 2

Format	Color
R_{YB}	205, 228, 255
Decimal	13498879
CIE _{Lab}	95.14, -12.74, -7.54
CIE _{LCh}	95, 14.802, 210.630
Y _{xy}	87.9505, 0.2829, 0.3227
Android (android.graphics.Color)	4291688959 (0xFFCDF9FF)
Y _{UV}	236.5280, 9.1067, -27.6501
Hunter-Lab	93.7819, -17.3652, -2.3281

Details

The YUV color $236.5280, 9.1067, -27.6501$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $223.4720, -9.1067, 27.6501$, 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 $180.7130, 8.5225, -26.9353$ is the 20% darker color. If you saturate the color by 10%, you get $226.9930, 13.8075, -42.0899$, and if you desaturate by 10%, it is $246.0630, 4.4059, -13.2103$.

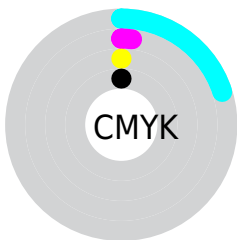
Distribution



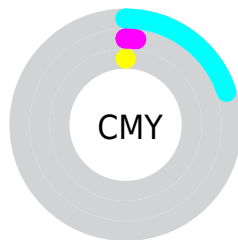
- Red (80%)
- Green (98%)
- Blue (100%)



- Red (80%)
- Yellow (89%)
- Blue (100%)



- Cyan (20%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 236.5280, 9.1067, -27.6501 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 236.5280, 9.1067, -27.6501 by changing the saturation by 10% instead.

■ 236.5280, 9.1067,
-27.6501

■ 236.5280, 9.1067,
-27.6501

255.0000, 0.0000,
0.0000

■ 207.8270, 8.9593,
-27.0353

■ 180.7130, 8.5225,
-26.9353

■ 153.1260, 8.8119,
-26.4205

■ 127.4250, 8.6645,
-25.8057

■ 101.7240, 8.5171,
-25.1909

■ 77.3110, 8.2277,
-25.7057

■ 53.1260, 8.8119,

-26.4205

■ 30.7130, 8.5225,
-26.9353

■ 17.1660, 4.8482,
-15.0546

■ 236.5280, 9.1067,
-27.6501

■ 236.5280, 9.1067,
-27.6501

■ 226.9930, 13.8075,
-42.0899

■ 246.0630, 4.4059,
-13.2103

■ 217.7570, 18.3608,
-55.9149

255.0000, 0.0000,
0.0000

■ 208.5210, 22.9141,
-69.7399

■ 198.9860, 27.6149,
-84.1797

■ 189.7500, 32.1683,
-98.0048

■ 180.2150, 36.8690,
-112.4446

■ 170.6800, 41.5698,
-126.8844

■ 161.4440, 46.1231,
-140.7094

■ 160.5580, 46.5599,
-140.8094

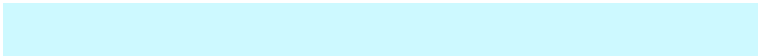
Harmonies

Analogous

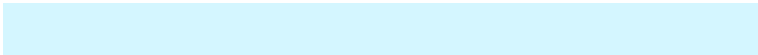
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



236.7150, 2.1125, -24.3061



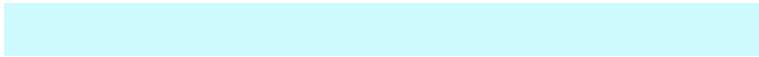
236.5280, 9.1067, -27.6501



236.8600, 8.9430, -21.8022

Triad

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



236.5280, 9.1067, -27.6501



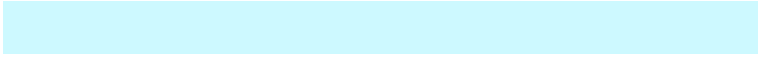
242.0860, 6.3666, 11.3256



240.8090, -13.7098, 10.6915

Complementary

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



236.5280, 9.1067, -27.6501



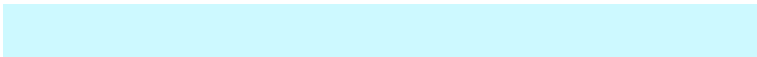
223.4720, -9.1067, 27.6501

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.



238.9280, -10.8105, 14.0951



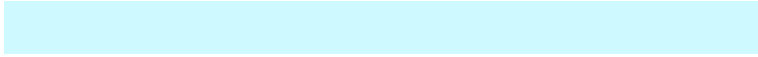
236.5280, 9.1067, -27.6501



239.3160, 0.8302, 13.7549

Square

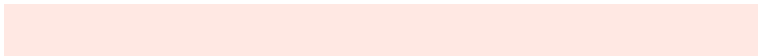
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



236.5280, 9.1067, -27.6501



241.1450, 6.8305, 2.5038



238.3070, -5.5744, 14.6398



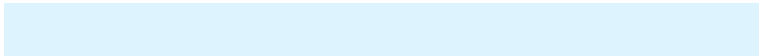
239.0030, -11.3405, -2.6336

Rectangle

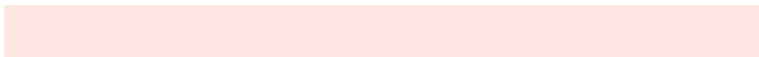
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



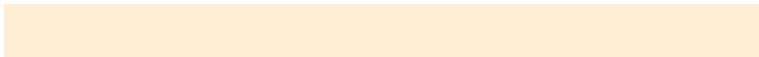
236.5280, 9.1067, -27.6501



238.3770, 8.1951, -15.2396



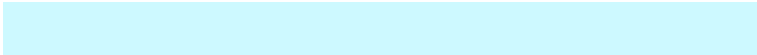
238.3070, -5.5744, 14.6398



240.2330, -13.4259, 12.9507

Sweetspot

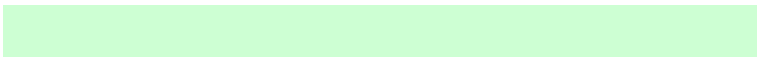
The Sweet Spot groups the original color and five complimentary colors.



236.5280, 9.1067, -27.6501



249.3410, 2.7899, -8.1921



235.0340, -11.8488, -26.3398



124.1350, 1.9054, -4.5034



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.



236.5280, 9.1067, -27.6501



232.6520, 11.0176, -33.8978



221.8530, 16.3415, -14.7801



122.9390, 2.4951, -6.9625



120.3900, 34.8107, -105.5820



40.1680, 11.7492, -35.2273

Inverse Universe

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



224.9660, 11.8488, 26.3398



218.3950, 14.5953, 32.1026



238.1470, -16.3415, 14.7801



120.1410, 2.8885, 6.8923



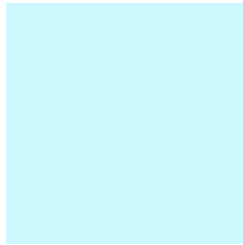
76.2610, 45.2273, 100.6261



25.5200, 15.0266, 33.7470

Previews

White Background



This preview shows how the YUV color 236.5280, 9.1067, -27.6501 looks on a white background.

Color Contrast Check

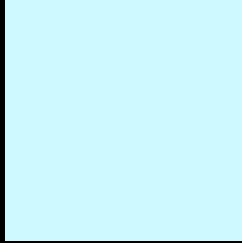
Large Text (above 18pt) WCAG AA × Fail

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 236.5280, 9.1067, -27.6501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

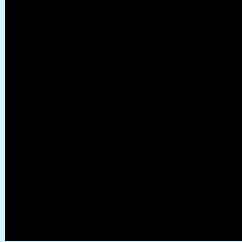
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 236.5280, 9.1067, -27.6501

Background



This preview shows how black text looks on a background with the YUV color 236.5280, 9.1067, -27.6501.



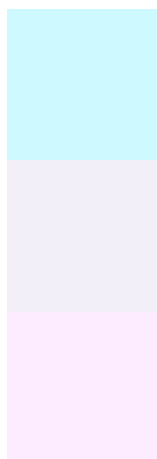
This preview shows how white text looks on a background with the YUV color 236.5280, 9.1067, -27.6501.

-27.6501.

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

236.5280, 9.1067, -27.6501

Protanopia

241.0370, 3.9258, 0.8446

Deuteranopia

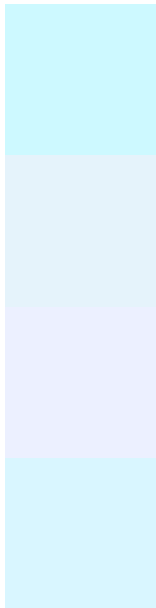
242.6620, 6.0826, 9.0664



Tritanopia

239.2740, 7.7529, -13.3953

Trichromacy



Original Color

236.5280, 9.1067, -27.6501

Protanomaly

239.7260, 5.5581, -9.4067

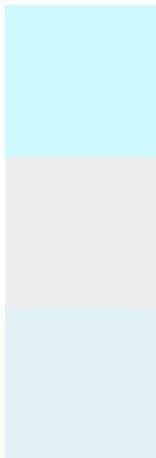
Deuteranomaly

240.5140, 7.1416, -3.9588

Tritanomaly

238.3550, 8.2060, -18.7283

Monochromacy



Original Color

236.5280, 9.1067, -27.6501

Achromatopsia

237.0000, 0.0000, 0.0000

Achromatomaly

236.5580, 3.6689, -10.1364

CSS Examples

Text

The CSS property to change the color of the text to YUV 236.5280, 9.1067, -27.6501 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, 249, 255)` looks like.

```
.text, #text, p{  
    color:rgb(205, 249, 255)  
}
```

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, 249, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 249, 255) }
```

Border

The CSS property to change the border of an element to YUV 236.5280, 9.1067, -27.6501 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, 249, 255) }
```


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

```
.border{ border-color:rgb(205, 249, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 249, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 249, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 249, 255);  
box-shadow:4px 4px 4px 4px rgb(205, 249,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 236.5280, 9.1067, -27.6501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 249, 255) }
```

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

```
.background{ background-color: rgb(205,  
249, 255) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor