

Converting Colors

YUV(228.5280, 9.1067,
-27.6501)

Have a look what the booklet for
YUV(228.5280, 9.1067, -27.6501)
contains.

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Color

**YUV(228.5280, 9.1067,
-27.6501)**

Conversions

Conversions Part 1

Format	Color
Hex	C5F1F7
RGB	197, 241, 247
RGB Percent	77%, 95%, 97%
CMY	0.2275, 0.0549, 0.0314
CMYK	0.20, 0.02, 0.00, 0.03
HSL	187°, 76%, 87%
HSV	187°, 20%, 97%
XYZ	71.2698, 81.4963, 99.9697
YIQ	228.5280, -28.1500, -7.4620

Conversions

Conversions Part 2

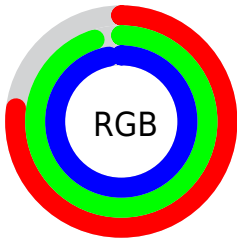
Format	Color
R _{YB}	197, 220, 247
Decimal	12972535
CIE Lab	92.35, -12.79, -7.57
CIE LCh	92, 14.862, 210.633
Yxy	81.4963, 0.2820, 0.3225
Android (android.graphics.Color)	4291162615 (0xFFC5F1F7)
YUV	228.5280, 9.1067, -27.6501
Hunter-Lab	90.2753, -17.0612, -2.4643

Details

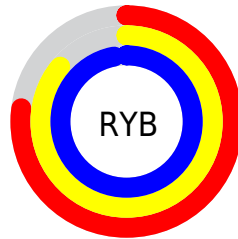
The YUV color $228.5280, 9.1067, -27.6501$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $215.4720, -9.1067, 27.6501$, and the grayscale version is $228.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.7010, 0.1474, -0.6148$, and $172.8270, 8.9593, -27.0353$ is the 20% darker color. If you saturate the color by 10%, you get $219.2920, 13.6600, -41.4751$, and if you desaturate by 10%, it is $237.7640, 4.5533, -13.8250$.

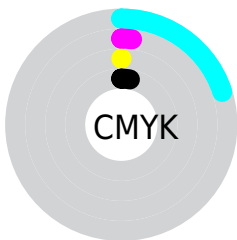
Distribution



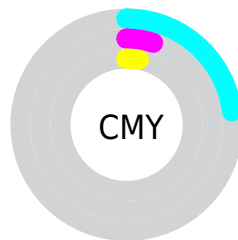
- Red (77%)
- Green (95%)
- Blue (97%)



- Red (77%)
- Yellow (86%)
- Blue (97%)



- Cyan (20%)
- Magenta (2%)
- Yellow (0%)
- Black (3%)



- Cyan (23%)
- Magenta (5%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 228.5280, 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 228.5280, 9.1067, -27.6501 by changing the saturation by 10% instead.

■ 228.5280, 9.1067,
-27.6501

■ 228.5280, 9.1067,
-27.6501

255.0000, 0.0000,
0.0000

■ 200.5280, 9.1067,
-27.6501

254.7010, 0.1474,
-0.6148

■ 172.8270, 8.9593,
-27.0353

■ 146.1260, 8.8119,
-26.4205

■ 120.0120, 8.3751,
-26.3205

■ 95.3110, 8.2277,
-25.7057

■ 70.4250, 8.6645,
-25.8057

■ 46.4140, 8.6699,

-27.5501

■ 26.5070, 7.6380,
-23.2466

■ 11.9000, 4.9793,
-10.4363

■ 228.5280, 9.1067,
-27.6501

■ 228.5280, 9.1067,
-27.6501

■ 219.2920, 13.6600,
-41.4751

■ 237.7640, 4.5533,
-13.8250

■ 210.3550, 18.0660,
-54.6853

■ 246.7010, 0.1474,
-0.6148

■ 201.1190, 22.6193,
-68.5104

■ 251.1530, -2.0474,
3.3738

■ 191.8830, 27.1727,
-82.3354

■ 252.9140, -2.9156,
1.8294

■ 182.9460, 31.5786,
-95.5456

■ 254.0880, -3.4944,
0.7998

■ 173.7100, 36.1320,
-109.3707

■ 164.4740, 40.6853,
-123.1957

■ 155.5370, 45.0913,
-136.4059

Harmonies

Analogous

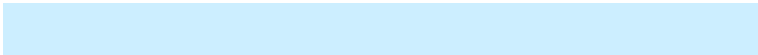
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228.7150, 2.1125, -24.3061



228.5280, 9.1067, -27.6501



229.7720, 12.4374, -22.6020

Triad

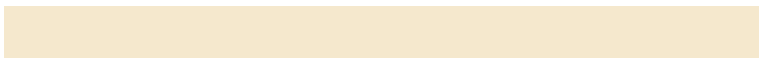
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



228.5280, 9.1067, -27.6501



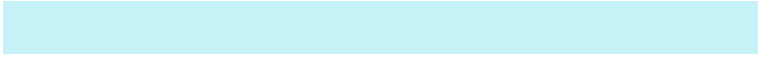
235.5810, 5.6296, 14.3995



232.8090, -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.



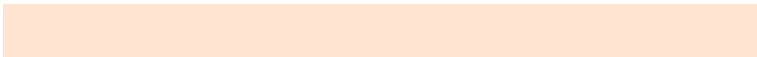
228.5280, 9.1067, -27.6501



215.4720, -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.



233.9070, -12.2792, 18.4986



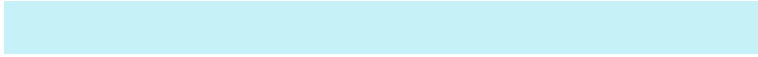
228.5280, 9.1067, -27.6501



233.7080, -0.3490, 18.6731

Square

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



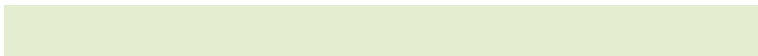
228.5280, 9.1067, -27.6501



234.0570, 10.3249, 1.7040



232.6990, -6.7536, 19.5580



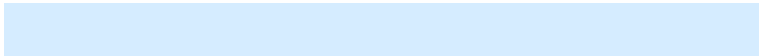
231.0030, -11.3405, -2.6336

Rectangle

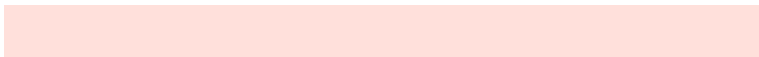
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



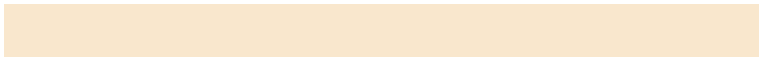
228.5280, 9.1067, -27.6501



231.2890, 11.6895, -16.0395



232.6990, -6.7536, 19.5580



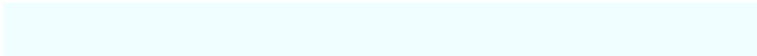
233.4180, -14.0101, 13.6654

Sweetspot

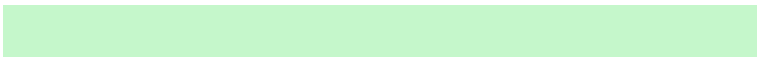
The Sweet Spot groups the original color and five complimentary colors.



228.5280, 9.1067, -27.6501



249.3410, 2.7899, -8.1921



227.0340, -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.



228.5280, 9.1067, -27.6501



232.6520, 11.0176, -33.8978



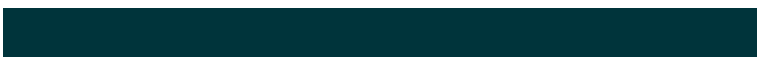
213.8530, 16.3415, -14.7801



117.8250, 2.0583, -6.8625



117.4720, 33.7843, -103.0229



37.2500, 10.7227, -32.6683

Inverse Universe

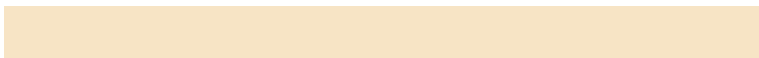
The Inverse Universe completely reimagines the original color for something new.



216.9660, 11.8488, 26.3398



218.3950, 14.5953, 32.1026



230.1470, -16.3415, 14.7801



114.8420, 3.0359, 6.2776



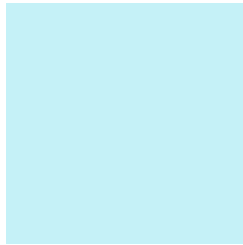
74.3100, 44.2172, 97.9521



23.5690, 14.0165, 31.0730

Previews

White Background



This preview shows how the YUV color 228.5280, 9.1067, -27.6501 looks on a white background.

Color Contrast Check

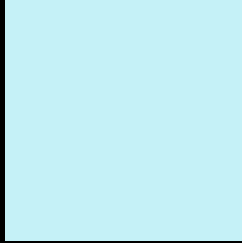
Large Text (above 18pt) WCAG AA × Fail

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 228.5280, 9.1067, -27.6501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

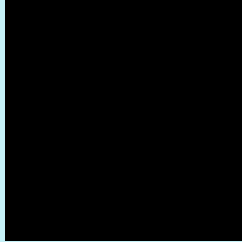
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 228.5280, 9.1067, -27.6501

Background



This preview shows how black text looks on a background with the YUV color 228.5280, 9.1067, -27.6501.



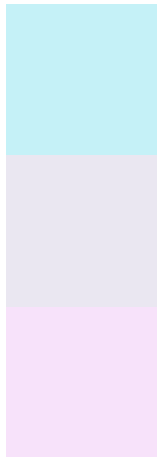
This preview shows how white text looks on a background with the YUV color 228.5280, 9.1067, -27.6501.

-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

228.5280, 9.1067, -27.6501

Protanopia

233.0370, 3.9258, 0.8446

Deuteranopia

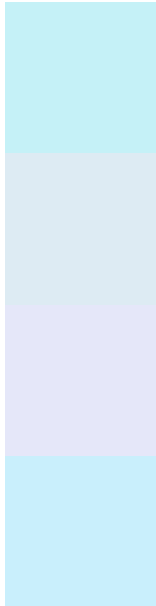
235.0150, 7.3876, 10.5108



Tritanopia

229.7720, 12.4374, -22.6020

Trichromacy



Original Color

228.5280, 9.1067, -27.6501

Protanomaly

231.7260, 5.5581, -9.4067

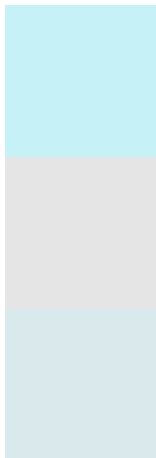
Deuteranomaly

232.4540, 8.1572, -3.0292

Tritanomaly

229.1200, 11.2798, -24.6612

Monochromacy



Original Color

228.5280, 9.1067, -27.6501

Achromatopsia

229.0000, 0.0000, 0.0000

Achromatomaly

228.5580, 3.6689, -10.1364

CSS Examples

Text

The CSS property to change the color of the text to YUV 228.5280, 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(197, 241, 247)` looks like.

```
.text, #text, p{  
    color:rgb(197, 241, 247)  
}
```

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(197, 241, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 241, 247) }
```

Border

The CSS property to change the border of an element to YUV 228.5280, 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(197, 241, 247) }
```


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

```
.border{ border-color:rgb(197, 241, 247) }
```

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

Here you see how a box with a 4 pixel rgb(197, 241, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 241, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 241, 247);  
box-shadow:4px 4px 4px 4px rgb(197, 241,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 228.5280, 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(197, 241, 247) }
```

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

```
.background{ background-color: rgb(197,  
241, 247) }
```

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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