

Converting Colors

YUV(226.9300, 9.4015,
-28.8796)

Have a look what the booklet for
YUV(226.9300, 9.4015, -28.8796)
contains.

YUV(226.9300, 9.4015, -28.8796)	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(226.9300, 9.4015,
-28.8796)**

Conversions

Conversions Part 1

Format	Color
Hex	C2F0F6
RGB	194, 240, 246
RGB Percent	76%, 94%, 96%
CMY	0.2392, 0.0588, 0.0353
CMYK	0.21, 0.02, 0.00, 0.04
HSL	187°, 74%, 86%
HSV	187°, 21%, 96%
XYZ	70.0428, 80.4433, 99.0242
YIQ	226.9300, -29.3420, -7.8860

Conversions

Conversions Part 2

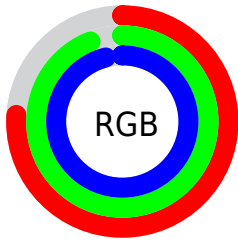
Format	Color
RYB	194, 218, 246
Decimal	12775670
CIELab	91.88, -13.39, -7.77
CIELCh	92, 15.478, 210.114
Yxy	80.4433, 0.2807, 0.3224
Android (android.graphics.Color)	4290965750 (0xFFC2F0F6)
YUV	226.9300, 9.4015, -28.8796
Hunter-Lab	89.6902, -17.5599, -2.6772

Details

The YUV color $226.9300, 9.4015, -28.8796$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $213.0700, -9.4015, 28.8796$, and the grayscale version is $227.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.8040, 0.5896, -2.4591$, and $171.2290, 9.2541, -28.2648$ is the 20% darker color. If you saturate the color by 10%, you get $217.6940, 13.9549, -42.7046$, and if you desaturate by 10%, it is $236.1660, 4.8482, -15.0546$.

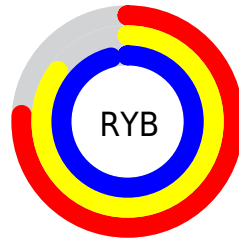
Distribution



Red (76%)

Green (94%)

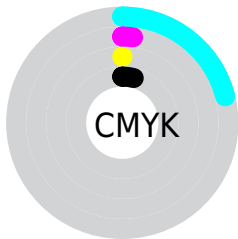
Blue (96%)



Red (76%)

Yellow (85%)

Blue (96%)

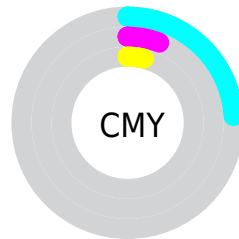


Cyan (21%)

Magenta (2%)

Yellow (0%)

Black (4%)



Cyan (24%)

Magenta (6%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 226.9300, 9.4015, -28.8796 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 226.9300, 9.4015, -28.8796 by changing the saturation by 10% instead.

■ 226.9300, 9.4015,
-28.8796

■ 226.9300, 9.4015,
-28.8796

255.0000, 0.0000,
0.0000

■ 198.9300, 9.4015,
-28.8796

■ 253.8040, 0.5896,
-2.4591

■ 171.2290, 9.2541,
-28.2648

■ 144.5280, 9.1067,
-27.6501

■ 118.4140, 8.6699,
-27.5501

■ 93.4140, 8.6699,
-27.5501

■ 68.8270, 8.9593,
-27.0353

■ 44.2180, 9.2595,

-30.0092

■ 25.9200, 7.9274,
-22.7318

■ 10.6120, 5.1213,
-9.3067

■ 226.9300, 9.4015,
-28.8796

■ 226.9300, 9.4015,
-28.8796

■ 217.6940, 13.9549,
-42.7046

■ 236.1660, 4.8482,
-15.0546

■ 208.7570, 18.3608,
-55.9149

■ 245.1030, 0.4422,
-1.8443

■ 199.5210, 22.9141,
-69.7399

■ 250.4520, -2.1948,
3.9886

■ 191.1710, 27.0307,
-83.4650

■ 251.6260, -2.7736,
2.9590

■ 181.9350, 31.5840,
-97.2900

■ 253.3870, -3.6418,
1.4146

■ 172.6990, 36.1374,
-111.1150

■ 253.9740, -3.9312,
0.8998

■ 163.7620, 40.5433,
-124.3253

■ 156.0100, 44.3651,
-136.8208

Harmonies

Analogous

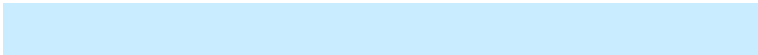
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



227.0030, 1.9705, -25.4356



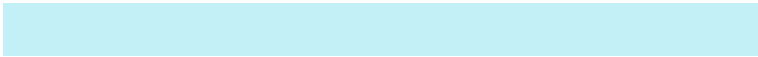
226.9300, 9.4015, -28.8796



228.2880, 13.1690, -23.9316

Triad

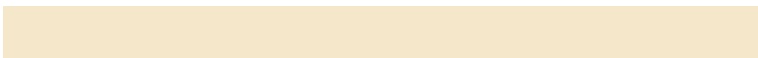
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



226.9300, 9.4015, -28.8796



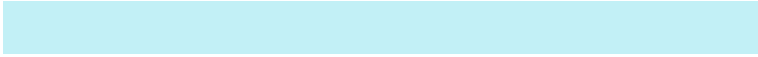
234.6950, 6.0664, 14.2995



231.5810, -14.5834, 10.8915

Complementary

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



226.9300, 9.4015, -28.8796



213.0700, -9.4015, 28.8796

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.



232.3910, -13.0108, 19.8281



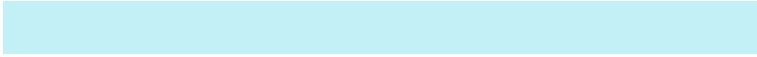
226.9300, 9.4015, -28.8796



233.0070, -0.4965, 19.2879

Square

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



226.9300, 9.4015, -28.8796



233.1710, 10.7617, 1.6040



231.8840, -7.3378, 20.2727



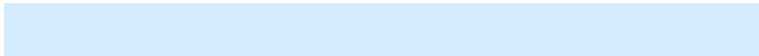
229.3020, -11.4879, -2.0189

Rectangle

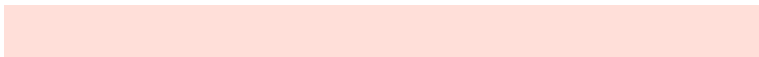
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



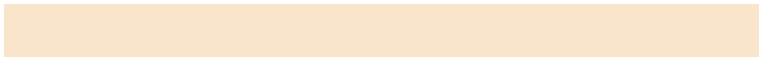
226.9300, 9.4015, -28.8796



229.8050, 12.4211, -17.3690



231.8840, -7.3378, 20.2727



232.0160, -14.3049, 14.8950

Sweetspot

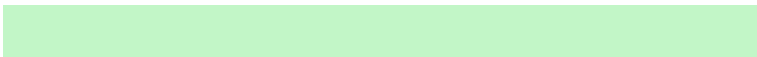
The Sweet Spot groups the original color and five complimentary colors.



226.9300, 9.4015, -28.8796



249.3410, 2.7899, -8.1921



225.0940, -12.8643, -27.2694



124.1350, 1.9054, -4.5034



0.0000, 0.0000, 0.0000



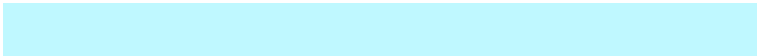
128.0000, 0.0000, 0.0000

Same Dimension

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



226.9300, 9.4015, -28.8796



231.7550, 11.4598, -35.7421



212.2550, 16.6363, -16.0096



117.8250, 2.0583, -6.8625



118.0590, 33.4949, -103.5377



37.2500, 10.7227, -32.6683

Inverse Universe

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



214.7920, 12.4275, 27.3694



216.6340, 15.4634, 33.6470



227.7450, -16.6363, 16.0096



114.8420, 3.0359, 6.2776



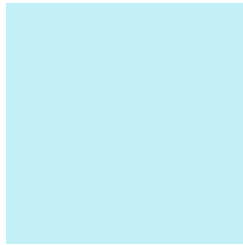
74.4240, 44.6540, 97.8522



23.5690, 14.0165, 31.0730

Previews

White Background



This preview shows how the YUV color 226.9300, 9.4015, -28.8796 looks on a white background.

Color Contrast Check

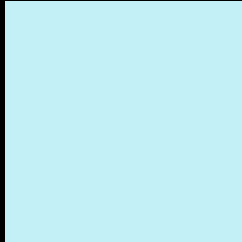
Large Text (above 18pt) WCAG AA × Fail

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 226.9300, 9.4015, -28.8796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

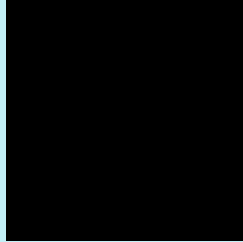
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 226.9300, 9.4015, -28.8796

Background



This preview shows how black text looks on a background with the YUV color 226.9300, 9.4015, -28.8796.



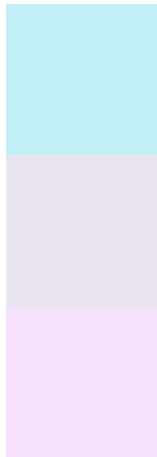
This preview shows how white text looks on a background with the YUV color 226.9300, 9.4015,

-28.8796.

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

226.9300, 9.4015, -28.8796

Protanopia

232.0370, 3.9258, 0.8446

Deuteranopia

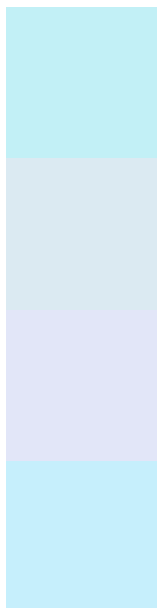
233.7160, 7.5350, 9.8961



Tritanopia

228.5760, 13.0270, -25.0612

Trichromacy



Original Color

226.9300, 9.4015, -28.8796

Protanomaly

230.4270, 5.7055, -10.0215

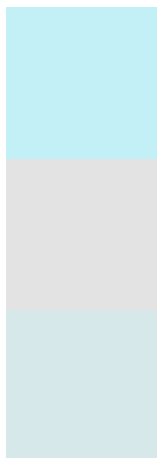
Deuteranomaly

230.8560, 8.4520, -4.2587

Tritanomaly

228.2230, 11.7221, -26.5056

Monochromacy



Original Color

226.9300, 9.4015, -28.8796

Achromatopsia

227.0000, 0.0000, 0.0000

Achromatomaly

227.1450, 3.3795, -10.6512

CSS Examples

Text

The CSS property to change the color of the text to YUV 226.9300, 9.4015, -28.8796 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(194, 240, 246)` looks like.

```
.text, #text, p{  
    color:rgb(194, 240, 246)  
}
```

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(194, 240, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 240, 246) }
```

Border

The CSS property to change the border of an element to YUV 226.9300, 9.4015, -28.8796 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(194, 240, 246) }
```


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

```
.border{ border-color:rgb(194, 240, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 240, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 240, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 240, 246);  
box-shadow:4px 4px 4px 4px rgb(194, 240,  
246) }
```

Background

The CSS property to change the background color of an element to YUV 226.9300, 9.4015, -28.8796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 240, 246) }
```

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

```
.background{ background-color: rgb(194,  
240, 246) }
```

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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