

Converting Colors

YUV(229.2180, 9.2595,
-30.0092)

Have a look what the booklet for
YUV(229.2180, 9.2595, -30.0092)
contains.

YUV(229.2180, 9.2595, -30.0092)	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(229.2180, 9.2595,
-30.0092)**

Conversions

Conversions Part 1

Format	Color
Hex	C3F3F8
RGB	195, 243, 248
RGB Percent	76%, 95%, 97%
CMY	0.2353, 0.0471, 0.0275
CMYK	0.21, 0.02, 0.00, 0.03
HSL	186°, 79%, 87%
HSV	186°, 21%, 97%
XYZ	71.4995, 82.4806, 100.9589
YIQ	229.2180, -30.2130, -8.6210

Conversions

Conversions Part 2

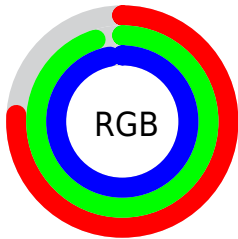
Format	Color
R_{YB}	195, 220, 248
Decimal	12841976
CIE _{Lab}	92.79, -14.17, -7.46
CIE _{LCh}	93, 16.017, 207.769
Yxy	82.4806, 0.2805, 0.3235
Android (android.graphics.Color)	4291032056 (0xFFC3F3F8)
YUV	229.2180, 9.2595, -30.0092
Hunter-Lab	90.8188, -18.4041, -2.3366

Details

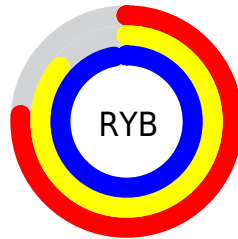
The YUV color $229.2180, 9.2595, -30.0092$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $213.7820, -9.2595, 30.0092$, and the grayscale version is $229.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.1030, 0.4422, -1.8443$, and $173.5170, 9.1121, -29.3944$ is the 20% darker color. If you saturate the color by 10%, you get $220.5690, 13.5235, -44.3490$, and if you desaturate by 10%, it is $237.8670, 4.9956, -15.6694$.

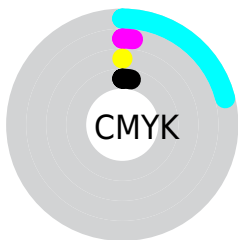
Distribution



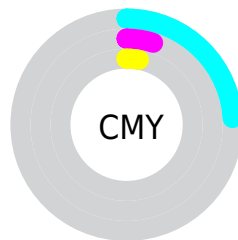
- Red (76%)
- Green (95%)
- Blue (97%)



- Red (76%)
- Yellow (86%)
- Blue (97%)



- Cyan (21%)
- Magenta (2%)
- Yellow (0%)
- Black (3%)



- Cyan (24%)
- Magenta (5%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 229.2180, 9.2595, -30.0092 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 229.2180, 9.2595, -30.0092 by changing the saturation by 10% instead.

229.2180, 9.2595,
-30.0092

229.2180, 9.2595,
-30.0092

255.0000, 0.0000,
0.0000

201.1040, 8.8227,
-29.9092

254.1030, 0.4422,
-1.8443

173.5170, 9.1121,
-29.3944

146.8160, 8.9647,
-28.7796

120.7020, 8.5279,
-28.6797

95.1150, 8.8173,
-28.1649

70.7020, 8.5279,
-28.6797

46.2070, 9.2649,

-31.7535

■ 27.7950, 7.4961,
-24.3762

■ 13.1880, 4.8373,
-11.5659

■ 229.2180, 9.2595,
-30.0092

■ 229.2180, 9.2595,
-30.0092

■ 220.5690, 13.5235,
-44.3490

■ 237.8670, 4.9956,
-15.6694

■ 211.3330, 18.0768,
-58.1740

■ 247.1030, 0.4422,
-1.8443

■ 202.9830, 22.1934,
-71.8991

■ 251.2670, -1.6106,
3.2738

■ 194.3340, 26.4573,
-86.2389

■ 252.4410, -2.1894,
2.2442

■ 185.0980, 31.0107,
-100.0639

■ 254.2020, -3.0576,
0.6998

■ 176.4490, 35.2746,
-114.4038

■ 167.8000, 39.5386,
-128.7436

■ 160.3470, 43.2129,
-140.6243

Harmonies

Analogous

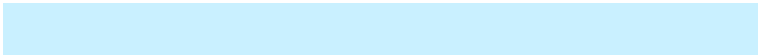
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



229.0030, 1.9705, -25.4356



229.2180, 9.2595, -30.0092



230.0490, 12.3008, -25.4760

Triad

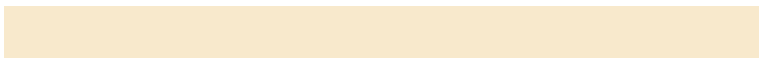
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



229.2180, 9.2595, -30.0092



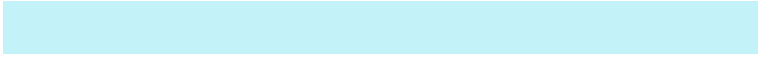
237.2220, 6.7926, 14.7143



234.1790, -14.8782, 12.1210

Complementary

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



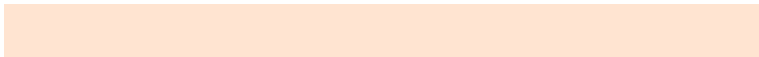
229.2180, 9.2595, -30.0092



213.7820, -9.2595, 30.0092

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



229.2180, 9.2595, -30.0092



234.6370, 0.6720, 17.8584

Square

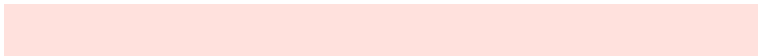
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



229.2180, 9.2595, -30.0092



235.2310, 9.7461, 0.6744



233.5140, -6.1694, 18.8432



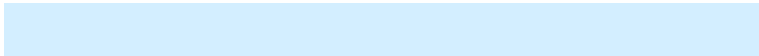
232.3730, -12.5089, -1.2041

Rectangle

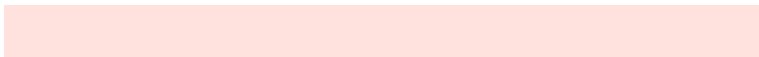
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



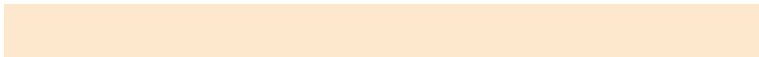
229.2180, 9.2595, -30.0092



231.8650, 11.4056, -18.2986



233.5140, -6.1694, 18.8432



234.6140, -14.5997, 16.1245

Sweetspot

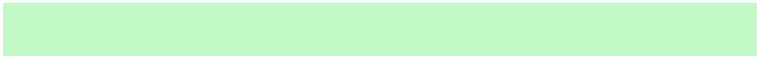
The Sweet Spot groups the original color and five complimentary colors.



229.2180, 9.2595, -30.0092



249.9280, 2.5005, -8.7069



226.5670, -13.5905, -27.6843



124.7220, 1.6161, -5.0182



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.



229.2180, 9.2595, -30.0092



231.7440, 11.4652, -37.4865



213.9560, 16.7837, -16.6244



120.5260, 2.2057, -7.4773



121.9230, 33.0690, -106.9265



39.2390, 10.7282, -34.4126

Inverse Universe

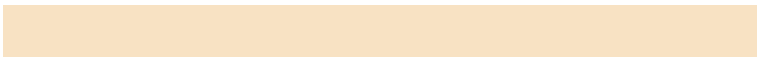
The Inverse Universe completely reimagines the original color for something new.



216.3190, 13.1537, 27.7842



215.5740, 16.4790, 34.5766



229.0440, -16.7837, 16.6244



117.2550, 3.3253, 6.7924



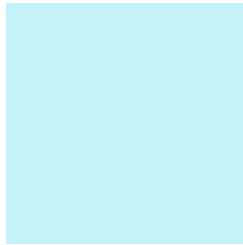
76.0050, 46.8325, 99.0966



24.5090, 15.0321, 32.0026

Previews

White Background



This preview shows how the YUV color 229.2180, 9.2595, -30.0092 looks on a white background.

Color Contrast Check

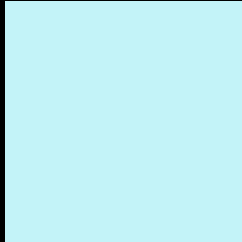
Large Text (above 18pt) WCAG AA × Fail

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 229.2180, 9.2595, -30.0092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

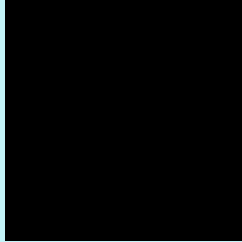
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 229.2180, 9.2595, -30.0092

Background



This preview shows how black text looks on a background with the YUV color 229.2180, 9.2595, -30.0092.



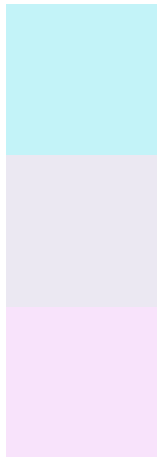
This preview shows how white text looks on a background with the YUV color 229.2180, 9.2595, -30.0092.

-30.0092.

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

229.2180, 9.2595, -30.0092

Protanopia

234.0370, 3.9258, 0.8446

Deuteranopia

236.0150, 7.3876, 10.5108



Tritanopia

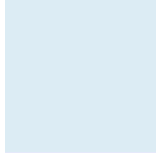
231.5440, 11.5638, -22.4021

Trichromacy



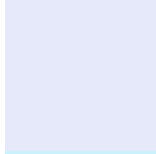
Original Color

229.2180, 9.2595, -30.0092



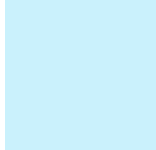
Protanomaly

232.1280, 5.8529, -10.6363



Deuteranomaly

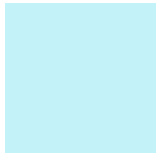
233.7420, 8.0152, -4.1587



Tritanomaly

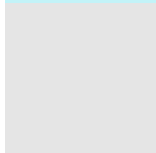
230.5930, 10.5537, -25.0761

Monochromacy



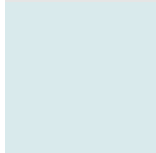
Original Color

229.2180, 9.2595, -30.0092



Achromatopsia

229.0000, 0.0000, 0.0000



Achromatomaly

229.1450, 3.3795, -10.6512

CSS Examples

Text

The CSS property to change the color of the text to YUV 229.2180, 9.2595, -30.0092 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(195, 243, 248)` looks like.

```
.text, #text, p{  
    color:rgb(195, 243, 248)  
}
```

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(195, 243, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 243, 248) }
```

Border

The CSS property to change the border of an element to YUV 229.2180, 9.2595, -30.0092 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(195, 243, 248) }
```


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

```
.border{ border-color:rgb(195, 243, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 243, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 243, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 243, 248);  
box-shadow:4px 4px 4px 4px rgb(195, 243,  
248) }
```

Background

The CSS property to change the background color of an element to YUV 229.2180, 9.2595, -30.0092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 243, 248) }
```

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

```
.background{ background-color: rgb(195,  
243, 248) }
```

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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