

Converting Colors

YUV(195.8820, 29.1452,
-14.8055)

Have a look what the booklet for
YUV(195.8820, 29.1452, -14.8055)
contains.

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Color

**YUV(195.8820, 29.1452,
-14.8055)**

Conversions

Conversions Part 1

Format	Color
Hex	B3C1FF
RGB	179, 193, 255
RGB Percent	70%, 76%, 100%
CMY	0.2980, 0.2431, 0.0000
CMYK	0.30, 0.24, 0.00, 0.00
HSL	229°, 100%, 85%
HSV	229°, 30%, 100%
XYZ	55.7104, 54.9436, 102.2767
YIQ	195.8820, -28.2460, 16.3140

Conversions

Conversions Part 2

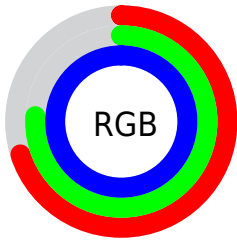
Format	Color
R _Y B	179, 191, 255
Decimal	11780607
CIE Lab	79.01, 8.92, -32.06
CIE LCh	79, 33.280, 285.550
Yxy	54.9436, 0.2616, 0.2580
Android (android.graphics.Color)	4289970687 (0xFFB3C1FF)
YUV	195.8820, 29.1452, -14.8055
Hunter-Lab	74.1240, 4.4407, -29.9219

Details

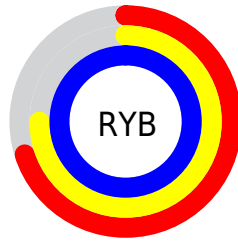
The YUV color **195.8820, 29.1452, -14.8055** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **238.1180, -29.1452, 14.8055**, and the grayscale version is **196.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.7970, 4.5371, -8.5920**, and **141.8280, 27.6928, -15.6352** is the 20% darker color. If you saturate the color by 10%, you get **175.7810, 39.0550, -19.9789**, and if you desaturate by 10%, it is **215.6840, 19.3828, -10.2469**.

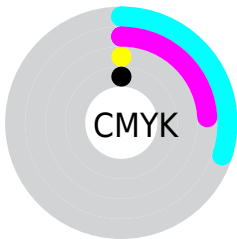
Distribution



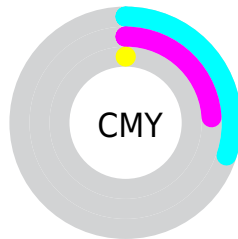
- Red (70%)
- Green (76%)
- Blue (100%)



- Red (70%)
- Yellow (75%)
- Blue (100%)



- Cyan (30%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 195.8820, 29.1452, -14.8055 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 195.8820, 29.1452, -14.8055 by changing the saturation by 10% instead.

■ 195.8820, 29.1452,
-14.8055

■ 195.8820, 29.1452,
-14.8055

255.0000, 0.0000,
0.0000

■ 168.3550, 28.4190,
-15.2203

■ 245.7970, 4.5371,
-8.5920

■ 141.8280, 27.6928,
-15.6352

■ 115.7140, 27.2560,
-15.5352

■ 90.7740, 26.2404,
-16.4648

■ 66.2360, 25.5197,
-18.6240

■ 41.5020, 25.3885,
-23.2423

■ 22.5410, 22.9043,

-19.7685

■ 5.3580, 20.5295,
-4.6990

■ 3.4370, 10.6306,
-3.0142

■ 195.8820, 29.1452,
-14.8055

■ 195.8820, 29.1452,
-14.8055

■ 175.7810, 39.0550,
-19.9789

■ 215.6840, 19.3828,
-10.2469

■ 155.9790, 48.8174,
-24.5376

■ 235.7850, 9.4730,
-5.0734

■ 136.4650, 58.4378,
-30.2258

255.0000, 0.0000,
0.0000

■ 116.6630, 68.2001,
-34.7845

■ 96.5620, 78.1099,
-39.9579

■ 76.7600, 87.8723,
-44.5165

■ 56.6590, 97.7821,
-49.6899

Harmonies

Analogous

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



187.9980, 33.0320, -48.2332



195.8820, 29.1452, -14.8055



199.8600, 19.2960, 17.6628

Triad

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



195.8820, 29.1452, -14.8055



197.5640, -21.9701, 46.8634



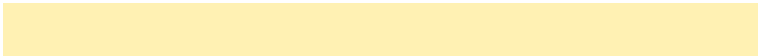
183.7200, -2.3270, -47.1124

Complementary

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



195.8820, 29.1452, -14.8055



238.1180, -29.1452, 14.8055

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.



188.3570, -18.4170, -19.6071



195.8820, 29.1452, -14.8055



195.5160, -29.3414, 31.1195

Square

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



195.8820, 29.1452, -14.8055



198.3160, -9.0298, 49.7119



192.3020, -28.2499, 7.6281



179.2840, 15.6360, -68.6551

Rectangle

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



195.8820, 29.1452, -14.8055



200.3800, 10.6587, 34.7467



192.3020, -28.2499, 7.6281



184.9940, -7.8850, -37.7057

Sweetspot

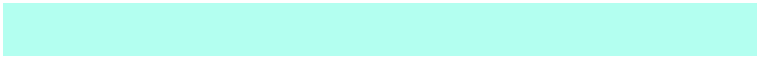
The Sweet Spot groups the original color and five complimentary colors.



195.8820, 29.1452, -14.8055



236.9700, 8.8888, -4.3587



230.5660, 4.6510, -45.2234



116.4710, 5.6838, -3.0441



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.



195.8820, 29.1452, -14.8055



183.4670, 35.2658, -17.9496



194.5410, 29.8063, 6.5415



117.6560, 5.0996, -2.3293



42.3190, 73.2997, -37.1138



14.3400, 24.4824, -12.5762

Inverse Universe

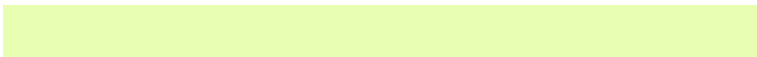
The Inverse Universe completely reimagines the original color for something new.



203.3200, -5.0878, 45.3234



192.4460, -6.1359, 54.8599



239.4590, -29.8063, -6.5415



119.1150, -1.0427, 7.7921



61.0990, -12.8668, 113.9232



20.5040, -4.1925, 38.1460

Previews

White Background



This preview shows how the YUV color 195.8820, 29.1452, -14.8055 looks on a white background.

Color Contrast Check

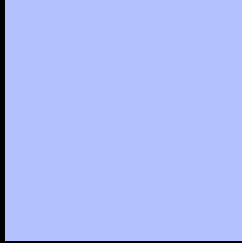
Large Text (above 18pt) WCAG AA × Fail

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 195.8820, 29.1452, -14.8055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

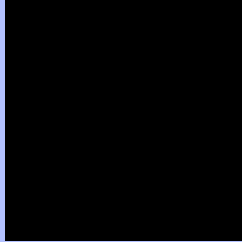
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 195.8820, 29.1452, -14.8055

Background



This preview shows how black text looks on a background with the YUV color 195.8820, 29.1452, -14.8055.



This preview shows how white text looks on a background with the YUV color 195.8820, 29.1452, -14.8055.

-14.8055.

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

195.8820, 29.1452, -14.8055

Protanopia

195.8820, 29.1452, -14.8055

Deuteranopia

196.1920, 28.9923, -12.4464



Tritanopia

193.1530, 11.2636, -19.4282

Trichromacy



Original Color

195.8820, 29.1452, -14.8055

Protanomaly

195.8820, 29.1452, -14.8055

Deuteranomaly

195.8930, 29.1398, -13.0612

Tritanomaly

193.8850, 17.8047, -17.4391

Monochromacy



Original Color

195.8820, 29.1452, -14.8055

Achromatopsia

196.0000, 0.0000, 0.0000

Achromatomaly

196.0130, 10.3466, -5.2734

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.8820, 29.1452, -14.8055 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(179, 193, 255)` looks like.

```
.text, #text, p{  
    color:rgb(179, 193, 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(179, 193, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 193, 255) }
```

Border

The CSS property to change the border of an element to YUV 195.8820, 29.1452, -14.8055 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(179, 193, 255) }
```


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

```
.border{ border-color:rgb(179, 193, 255) }
```

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

Here you see how a box with a 4 pixel rgb(179, 193, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 193, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 193, 255);  
box-shadow:4px 4px 4px 4px rgb(179, 193,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 195.8820, 29.1452, -14.8055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 193, 255) }
```

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

```
.background{ background-color: rgb(179,  
193, 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](#).

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