

Converting Colors

YUV(193.7680, 28.7084,
-14.7055)

Have a look what the booklet for
YUV(193.7680, 28.7084, -14.7055)
contains.

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Color

**YUV(193.7680, 28.7084,
-14.7055)**

Conversions

Conversions Part 1

Format	Color
Hex	B1BFFC
RGB	177, 191, 252
RGB Percent	69%, 75%, 99%
CMY	0.3059, 0.2510, 0.0118
CMYK	0.30, 0.24, 0.00, 0.01
HSL	229°, 93%, 84%
HSV	229°, 30%, 99%
XYZ	54.3330, 53.6370, 99.5848
YIQ	193.7680, -27.9250, 16.0030

Conversions

Conversions Part 2

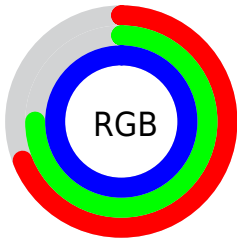
Format	Color
R_{YB}	177, 189, 252
Decimal	11649020
CIE _{Lab}	78.25, 8.72, -31.64
CIE _{LCh}	78, 32.816, 285.404
Yxy	53.6370, 0.2618, 0.2584
Android (android.graphics.Color)	4289839100 (0xFFB1BFFC)
YUV	193.7680, 28.7084, -14.7055
Hunter-Lab	73.2373, 4.2596, -29.3538

Details

The YUV color **193.7680, 28.7084, -14.7055** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **235.2320, -28.7084, 14.7055**, and the grayscale version is **194.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **244.0250, 5.4107, -8.7919**, and **139.7140, 27.2560, -15.5352** is the 20% darker color. If you saturate the color by 10%, you get **174.5530, 38.1814, -19.7790**, and if you desaturate by 10%, it is **212.9830, 19.2354, -9.6321**.

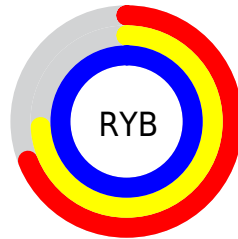
Distribution



Red (69%)

Green (75%)

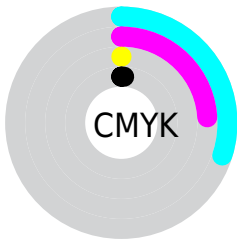
Blue (99%)



Red (69%)

Yellow (74%)

Blue (99%)

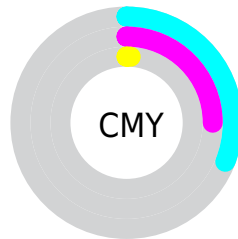


Cyan (30%)

Magenta (24%)

Yellow (0%)

Black (1%)



Cyan (31%)

Magenta (25%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.7680, 28.7084, -14.7055 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 193.7680, 28.7084, -14.7055 by changing the saturation by 10% instead.

■ 193.7680, 28.7084,
-14.7055

■ 193.7680, 28.7084,
-14.7055

255.0000, 0.0000,
0.0000

■ 166.2410, 27.9822,
-15.1204

■ 244.0250, 5.4107,
-8.7919

■ 139.7140, 27.2560,
-15.5352

■ 113.6000, 26.8192,
-15.4352

■ 88.6600, 25.8036,
-16.3648

■ 64.4210, 24.9354,
-17.9092

■ 39.5020, 25.3885,
-23.2423

■ 21.1390, 22.6095,

-18.5389

■ 6.1900, 18.6403,
-5.4286

■ 3.2090, 9.7570,
-2.8143

■ 193.7680, 28.7084,
-14.7055

■ 193.7680, 28.7084,
-14.7055

■ 174.5530, 38.1814,
-19.7790

■ 212.9830, 19.2354,
-9.6321

■ 154.7510, 47.9438,
-24.3376

■ 232.7850, 9.4730,
-5.0734

■ 135.2370, 57.5642,
-30.0258

■ 252.2990, -0.1474,
0.6148

■ 115.4350, 67.3265,
-34.5845

■ 254.6580, -1.3104,
0.2999

■ 96.2200, 76.7995,
-39.6579

■ 76.4180, 86.5619,
-44.2166

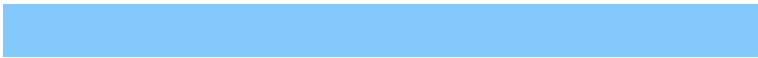
■ 57.2030, 96.0349,
-49.2900

■ 56.3170, 96.4717,
-49.3900

Harmonies

Analogous

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



186.1830, 32.4478, -47.5185



193.7680, 28.7084, -14.7055



197.5610, 19.4434, 17.0480

Triad

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



193.7680, 28.7084, -14.7055



195.2650, -21.8226, 46.2486



181.4320, -2.1850, -45.9829

Complementary

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



193.7680, 28.7084, -14.7055



235.2320, -28.7084, 14.7055

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.



186.7700, -18.1276, -19.0923



193.7680, 28.7084, -14.7055



193.3310, -28.7572, 30.4047

Square

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



193.7680, 28.7084, -14.7055



197.0280, -8.8878, 50.8414



190.4160, -27.8131, 7.5282



177.2950, 15.6306, -66.9107

Rectangle

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



193.7680, 28.7084, -14.7055



198.6680, 10.5167, 33.6172



190.4160, -27.8131, 7.5282



183.2930, -8.0324, -37.0910

Sweetspot

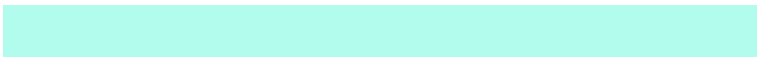
The Sweet Spot groups the original color and five complimentary colors.



193.7680, 28.7084, -14.7055



236.9700, 8.8888, -4.3587



227.8650, 4.5036, -44.6086



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.



193.7680, 28.7084, -14.7055



183.4670, 35.2658, -17.9496



192.1280, 29.5169, 6.0267



115.2430, 4.8102, -2.8441



42.0910, 72.4261, -36.9138



13.4110, 23.4614, -11.7614

Inverse Universe

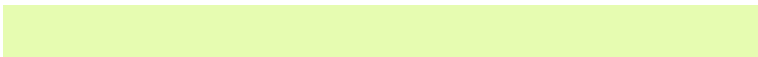
The Inverse Universe completely reimagines the original color for something new.



201.0210, -4.9404, 44.7086



192.4460, -6.1359, 54.8599



236.8720, -29.5169, -6.0267



116.2290, -0.6059, 7.6922



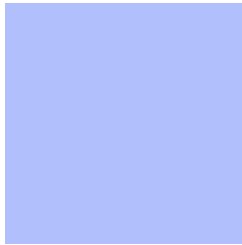
60.5010, -12.5720, 112.6936



19.4930, -4.1870, 36.4016

Previews

White Background



This preview shows how the YUV color 193.7680, 28.7084, -14.7055 looks on a white background.

Color Contrast Check

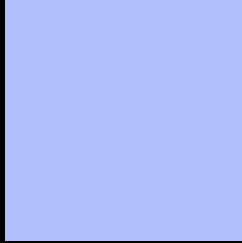
Large Text (above 18pt) WCAG AA × Fail

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 193.7680, 28.7084, -14.7055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

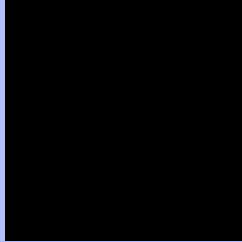
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 193.7680, 28.7084, -14.7055

Background



This preview shows how black text looks on a background with the YUV color 193.7680, 28.7084, -14.7055.



This preview shows how white text looks on a background with the YUV color 193.7680, 28.7084, -14.7055.

-14.7055.

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

193.7680, 28.7084, -14.7055

Protanopia

193.7680, 28.7084, -14.7055

Deuteranopia

194.0780, 28.5555, -12.3464



Tritanopia

191.1530, 11.2636, -19.4282

Trichromacy



Original Color

193.7680, 28.7084, -14.7055

Protanomaly

193.7680, 28.7084, -14.7055

Deuteranomaly

193.7790, 28.7030, -12.9612

Tritanomaly

191.8850, 17.8047, -17.4391

Monochromacy



Original Color

193.7680, 28.7084, -14.7055

Achromatopsia

194.0000, 0.0000, 0.0000

Achromatomaly

194.0130, 10.3466, -5.2734

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.7680, 28.7084, -14.7055 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(177, 191, 252)` looks like.

```
.text, #text, p{  
    color:rgb(177, 191, 252)  
}
```

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(177, 191, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 191, 252) }
```

Border

The CSS property to change the border of an element to YUV 193.7680, 28.7084, -14.7055 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(177, 191, 252) }
```


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

```
.border{ border-color:rgb(177, 191, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 191, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 191, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 191, 252);  
box-shadow:4px 4px 4px 4px rgb(177, 191,  
252) }
```

Background

The CSS property to change the background color of an element to YUV 193.7680, 28.7084, -14.7055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 191, 252) }
```

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

```
.background{ background-color: rgb(177,  
191, 252) }
```

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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