

Converting Colors

YUV(195.1120, 26.5668,
-74.6432)

Have a look what the booklet for
YUV(195.1120, 26.5668, -74.6432)
contains.

YUV(195.1120, 26.5668, -74.6432)	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(195.1120, 26.5668,
-74.6432)**

Conversions

Conversions Part 1

Format	Color
Hex	6EE4F9
RGB	110, 228, 249
RGB Percent	43%, 89%, 98%
CMY	0.5686, 0.1059, 0.0235
CMYK	0.56, 0.08, 0.00, 0.02
HSL	189°, 92%, 70%
HSV	189°, 56%, 98%
XYZ	51.2727, 65.6414, 99.5902
YIQ	195.1120, -77.0690, -18.4850

Conversions

Conversions Part 2

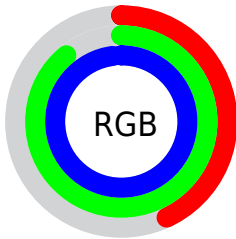
Format	Color
R _Y B	110, 174, 249
Decimal	7267577
CIE Lab	84.81, -27.52, -20.32
CIE LCh	85, 34.209, 216.451
Yxy	65.6414, 0.2368, 0.3032
Android (android.graphics.Color)	4285457657 (0xFF6EE4F9)
YUV	195.1120, 26.5668, -74.6432
Hunter-Lab	81.0194, -28.8210, -16.1666

Details

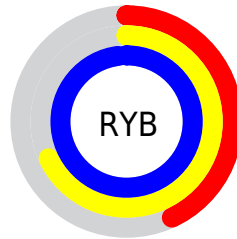
The YUV color **195.1120, 26.5668, -74.6432** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **163.8880, -26.5668, 74.6432**, and the grayscale version is **195.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.8840, 12.3822, -51.6413**, and **133.7300, 29.2201, -85.7092** is the 20% darker color. If you saturate the color by 10%, you get **185.2890, 31.4095, -87.9535**, and if you desaturate by 10%, it is **204.9350, 21.7240, -61.3330**.

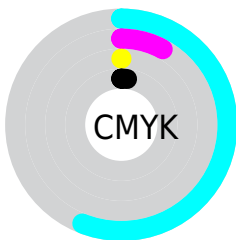
Distribution



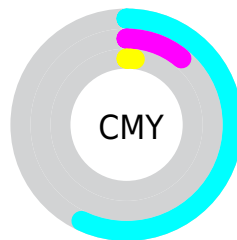
- Red (43%)
- Green (89%)
- Blue (98%)



- Red (43%)
- Yellow (68%)
- Blue (98%)



- Cyan (56%)
- Magenta (8%)
- Yellow (0%)
- Black (2%)



- Cyan (57%)
- Magenta (11%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 195.1120, 26.5668, -74.6432 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 195.1120, 26.5668, -74.6432 by changing the saturation by 10% instead.

195.1120, 26.5668,
-74.6432

195.1120, 26.5668,
-74.6432

255.0000, 0.0000,
0.0000

165.5030, 26.8670,
-77.6171

229.8840, 12.3822,
-51.6413

133.7300, 29.2201,
-85.7092

239.1530, 7.8126,
-32.5832

103.9250, 30.1100,
-91.1422

248.1230, 3.3904,
-14.1399

86.2860, 25.9880,
-75.6728

68.1740, 22.5922,
-59.7886

51.2360, 18.6177,
-44.9340

35.1130, 15.2273,

-30.7941

■ 20.7510, 10.9688,
-18.1986

■ 3.2090, 9.7570,
-2.8143

■ 195.1120, 26.5668,
-74.6432

■ 195.1120, 26.5668,
-74.6432

■ 185.2890, 31.4095,
-87.9535

■ 204.9350, 21.7240,
-61.3330

■ 175.4660, 36.2523,
-101.2637

■ 214.7580, 16.8813,
-48.0228

■ 166.2300, 40.8056,
-115.0887

■ 223.9940, 12.3280,
-34.1977

■ 156.4070, 45.6483,
-128.3989

■ 233.8170, 7.4852,
-20.8875

■ 152.2430, 47.7012,
-133.5171

■ 243.6400, 2.6425,
-7.5773

■ 251.9680, -1.4632,
2.6591

■ 253.7290, -2.3314,
1.1147

■ 254.3160, -2.6208,
0.5999

Harmonies

Analogous

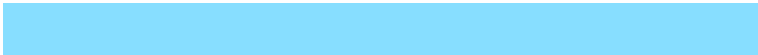
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



196.3400, 10.6784, -65.1962



195.1120, 26.5668, -74.6432



199.7490, 27.2387, -56.7849

Triad

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



195.1120, 26.5668, -74.6432



215.4940, 11.0955, 34.6468



209.3740, -30.7504, 16.3350

Complementary

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



195.1120, 26.5668, -74.6432



163.8880, -26.5668, 74.6432

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.



211.6740, -28.9263, 37.9969



195.1120, 26.5668, -74.6432



210.0850, -2.0139, 39.3905

Square

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



195.1120, 26.5668, -74.6432



214.3320, 20.0493, 9.3558



208.8990, -16.7122, 40.4306



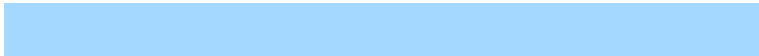
205.2610, -22.8067, -11.6299

Rectangle

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



195.1120, 26.5668, -74.6432



204.8980, 24.7003, -35.8675



208.8990, -16.7122, 40.4306



210.0160, -31.0669, 24.5420

Sweetspot

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



195.1120, 26.5668, -74.6432



238.0340, 8.3642, -22.8318



193.9870, -31.0526, -73.6566



117.8780, 4.9901, -13.9250



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.



195.1120, 26.5668, -74.6432



188.6090, 32.7308, -91.7421



154.6090, 46.5348, -39.1221



119.9390, 2.4951, -6.9625



115.4660, 36.2523, -101.2637



37.4780, 11.5963, -32.8682

Inverse Universe

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



165.0130, 31.0526, 73.6566



151.6590, 38.1291, 90.6301



204.3910, -46.5348, 39.1221



117.1410, 2.8885, 6.8923



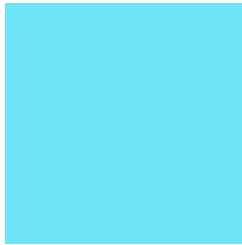
74.7510, 42.0278, 100.1964



24.1670, 13.7217, 32.3025

Previews

White Background



This preview shows how the YUV color 195.1120, 26.5668, -74.6432 looks on a white background.

Color Contrast Check

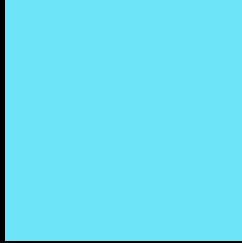
Large Text (above 18pt) WCAG AA × Fail

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 195.1120, 26.5668, -74.6432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

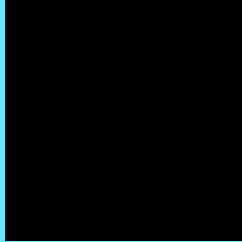
Any Text WCAG AA ✓ Pass

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 195.1120, 26.5668, -74.6432 Background



This preview shows how black text looks on a background with the YUV color 195.1120, 26.5668, -74.6432.



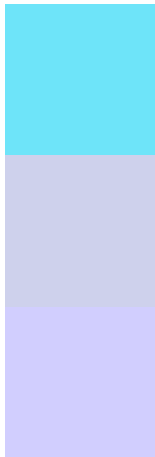
This preview shows how white text looks on a background with the YUV color 195.1120, 26.5668, -74.6432.

-74.6432.

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

195.1120, 26.5668, -74.6432

Protanopia

211.1810, 12.2358, -4.5437

Deuteranopia

212.3690, 20.5241, -2.9546



Tritanopia

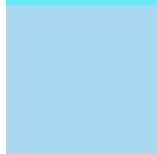
194.5850, 25.8406, -75.0580

Trichromacy



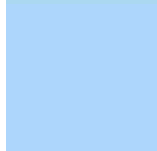
Original Color

195.1120, 26.5668, -74.6432



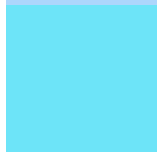
Protanomaly

205.3950, 17.5533, -30.1644



Deuteranomaly

206.0730, 22.6420, -29.0050



Tritanomaly

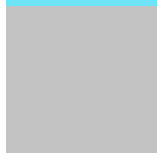
194.6990, 26.2774, -75.1580

Monochromacy



Original Color

195.1120, 26.5668, -74.6432



Achromatopsia

195.0000, 0.0000, 0.0000



Achromatomaly

195.0550, 9.8329, -27.2352

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.1120, 26.5668, -74.6432 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(110, 228, 249)` looks like.

```
.text, #text, p{  
    color:rgb(110, 228, 249)  
}
```

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(110, 228, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 228, 249) }
```

Border

The CSS property to change the border of an element to YUV 195.1120, 26.5668, -74.6432 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(110, 228, 249) }
```


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

```
.border{ border-color:rgb(110, 228, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 228, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 228, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 228, 249);  
box-shadow:4px 4px 4px 4px rgb(110, 228,  
249) }
```

Background

The CSS property to change the background color of an element to YUV 195.1120, 26.5668, -74.6432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 228, 249) }
```

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

```
.background{ background-color: rgb(110,  
228, 249) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor