

Converting Colors

YUV(177.8100, 38.0547,
-72.6244)

Have a look what the booklet for
YUV(177.8100, 38.0547, -72.6244)
contains.

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Color

**YUV(177.8100, 38.0547,
-72.6244)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 5FCDFE |
| RGB | 95, 205, 255 |
| RGB Percent | 37%, 80%, 100% |
| CMY | 0.6275, 0.1961, 0.0000 |
| CMYK | 0.63, 0.20, 0.00, 0.00 |
| HSL | 199°, 100%, 69% |
| HSV | 199°, 63%, 100% |
| XYZ | 44.6006, 53.3155, 102.5480 |
| YIQ | 177.8100, -81.6100, -7.7700 |

Conversions

Conversions Part 2

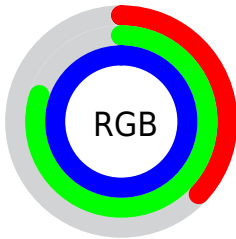
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 95, 160, 255 |
| Decimal | 6278655 |
| CIE _{Lab} | 78.06, -16.89, -33.87 |
| CIE _{LCh} | 78, 37.849, 243.491 |
| Yxy | 53.3155, 0.2225, 0.2660 |
| Android (android.graphics.Color) | 4284468735 (0xFF5FCDF5) |
| YUV | 177.8100, 38.0547, -72.6244 |
| Hunter-Lab | 73.0175, -18.7490, -32.1564 |

Details

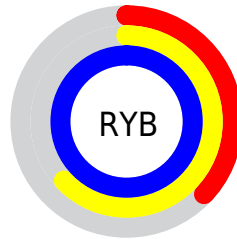
The YUV color **177.8100, 38.0547, -72.6244** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted cyan. A complement of this color would be **172.1900, -38.0547, 72.6244**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.9970, 14.2985, -59.6334**, and **111.2090, 42.7880, -97.5303** is the 20% darker color. If you saturate the color by 10%, you get **165.3400, 44.2024, -84.4902**, and if you desaturate by 10%, it is **190.2800, 31.9070, -60.7586**.

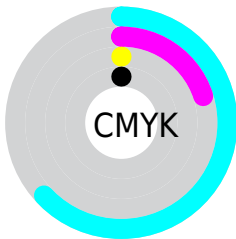
Distribution



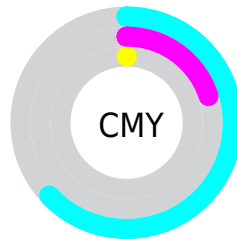
- Red (37%)
- Green (80%)
- Blue (100%)



- Red (37%)
- Yellow (63%)
- Blue (100%)



- Cyan (63%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (63%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.8100, 38.0547, -72.6244 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 177.8100, 38.0547, -72.6244 by changing the saturation by 10% instead.

■ 177.8100, 38.0547,
-72.6244

■ 177.8100, 38.0547,
-72.6244

255.0000, 0.0000,
0.0000

■ 147.5920, 38.6551,
-78.5722

■ 225.9970, 14.2985,
-59.6334

■ 111.2090, 42.7880,
-97.5303

■ 235.2660, 9.7289,
-40.5753

■ 92.8690, 38.5186,
-81.4461

■ 244.5350, 5.1592,
-21.5172

■ 75.1160, 33.9598,
-65.8767

■ 253.8040, 0.5896,
-2.4591

■ 58.0640, 29.5484,
-50.9221

■ 41.7130, 25.2845,
-36.5823

■ 27.2370, 20.5892,

-23.8868

■ 7.7060, 19.3719,
-6.7582

■ 3.4370, 10.6306,
-3.0142

■ 177.8100, 38.0547,
-72.6244

■ 177.8100, 38.0547,
-72.6244

■ 165.3400, 44.2024,
-84.4902

■ 190.2800, 31.9070,
-60.7586

■ 153.1690, 50.2027,
-95.7412

■ 202.4510, 25.9067,
-49.5075

■ 140.6990, 56.3504,
-107.6070

■ 214.9210, 19.7589,
-37.6417

■ 131.7950, 60.7401,
-115.5842

■ 227.0920, 13.7586,
-26.3907

■ 239.5620, 7.6109,
-14.5249

■ 251.7330, 1.6106,
-3.2738

255.0000, 0.0000,
0.0000

Harmonies

Analogous

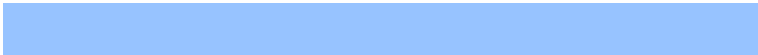
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



169.3270, 30.4048, -92.3718



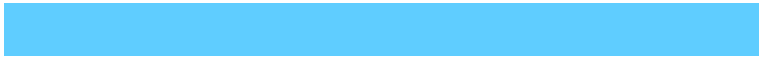
177.8100, 38.0547, -72.6244



188.6840, 32.6938, -33.0489

Triad

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



177.8100, 38.0547, -72.6244



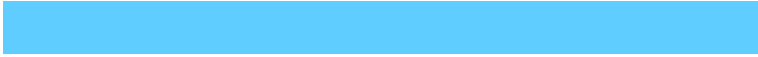
195.3470, -2.6361, 52.3157



186.0610, -26.1591, -9.7005

Complementary

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



177.8100, 38.0547, -72.6244



172.1900, -38.0547, 72.6244

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.



190.2990, -33.6714, 19.9088



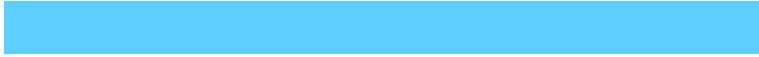
177.8100, 38.0547, -72.6244



193.8190, -18.6448, 53.6557

Square

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



177.8100, 38.0547, -72.6244



198.0860, 13.2686, 37.6356



193.2510, -30.6897, 43.6299



180.8040, -9.7634, -41.9241

Rectangle

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



177.8100, 38.0547, -72.6244



194.7520, 29.7023, -6.7985



193.2510, -30.6897, 43.6299



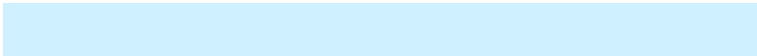
187.6170, -29.3912, 0.3359

Sweetspot

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



177.8100, 38.0547, -72.6244



231.8430, 11.4164, -21.7873



194.3920, -25.3363, -87.1668



113.1600, 7.3161, -13.2953



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.



177.8100, 38.0547, -72.6244



162.6710, 45.5182, -86.5345



132.0240, 60.6272, -32.4700



121.7650, 3.0739, -5.9329



98.6710, 45.5182, -86.5345



33.1240, 15.2219, -29.0497

Inverse Universe

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



155.3800, 24.4627, 87.3667



136.0430, 29.0658, 104.3253



217.9760, -60.6272, 32.4700



119.9130, 2.0149, 7.0923



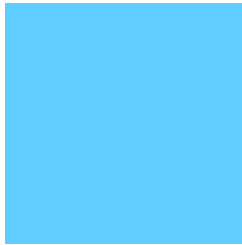
72.0430, 29.0658, 104.3253



24.1520, 9.7851, 34.9467

Previews

White Background



This preview shows how the YUV color 177.8100, 38.0547, -72.6244 looks on a white background.

Color Contrast Check

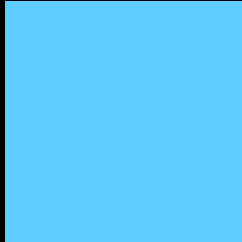
Large Text (above 18pt) WCAG AA × Fail

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 177.8100, 38.0547, -72.6244 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

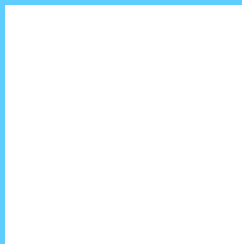
Any Text WCAG AAA ✓ Pass

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

YUV 177.8100, 38.0547, -72.6244 Background



This preview shows how black text looks on a background with the YUV color 177.8100, 38.0547, -72.6244.



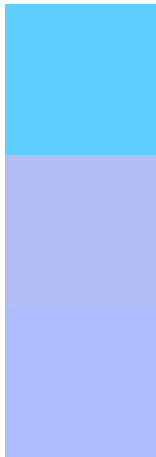
This preview shows how white text looks on a background with the YUV color 177.8100, 38.0547, -72.6244.

-72.6244.

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

177.8100, 38.0547, -72.6244

Protanopia

192.5680, 25.3560, -12.7761

Deuteranopia

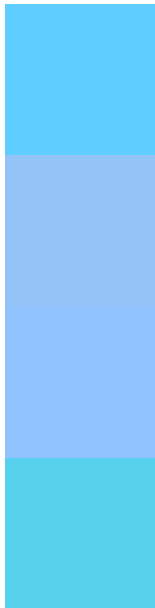
192.0390, 31.0398, -15.8202



Tritanopia

173.3670, 26.4411, -81.0059

Trichromacy



Original Color

177.8100, 38.0547, -72.6244

Protanomaly

186.9890, 30.0784, -34.1934

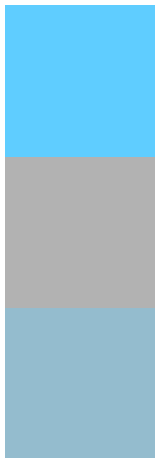
Deuteranomaly

186.8900, 33.5782, -36.7375

Tritanomaly

174.8280, 30.6508, -77.9022

Monochromacy



Original Color

177.8100, 38.0547, -72.6244

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

178.0920, 13.7586, -26.3907

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.8100, 38.0547, -72.6244 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(95, 205, 255)` looks like.

```
.text, #text, p{  
    color:rgb(95, 205, 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(95, 205, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 205, 255) }
```

Border

The CSS property to change the border of an element to YUV 177.8100, 38.0547, -72.6244 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(95, 205, 255) }
```


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

```
.border{ border-color:rgb(95, 205, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 205, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 205, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 205, 255);  
box-shadow:4px 4px 4px 4px rgb(95, 205,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 177.8100, 38.0547, -72.6244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 205, 255) }
```

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

```
.background{ background-color: rgb(95, 205,  
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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