

Converting Colors

YUV(193.3800, 23.4767,
-63.4773)

Have a look what the booklet for
YUV(193.3800, 23.4767, -63.4773)
contains.

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Color

**YUV(193.3800, 23.4767,
-63.4773)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 79DDF1 |
| RGB | 121, 221, 241 |
| RGB Percent | 47%, 87%, 95% |
| CMY | 0.5255, 0.1333, 0.0549 |
| CMYK | 0.50, 0.08, 0.00, 0.05 |
| HSL | 190°, 81%, 71% |
| HSV | 190°, 50%, 95% |
| XYZ | 49.6188, 62.1287, 92.5959 |
| YIQ | 193.3800, -66.0200, -14.9800 |

Conversions

Conversions Part 2

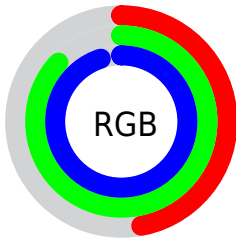
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 121, 176, 241 |
| Decimal | 7986673 |
| CIELab | 82.98, -24.05, -18.83 |
| CIELCh | 83, 30.540, 218.057 |
| Yxy | 62.1287, 0.2428, 0.3040 |
| Android (android.graphics.Color) | 4286176753 (0xFF79DDF1) |
| YUV | 193.3800, 23.4767, -63.4773 |
| Hunter-Lab | 78.8218, -25.5713, -14.4757 |

Details

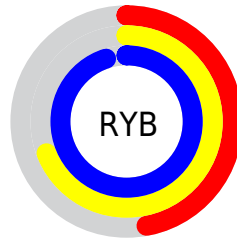
The YUV color **193.3800, 23.4767, -63.4773** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **168.6200, -23.4767, 63.4773**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.5750, 11.0555, -46.1083**, and **135.8740, 24.2191, -68.2955** is the 20% darker color. If you saturate the color by 10%, you get **183.8560, 28.1720, -76.1727**, and if you desaturate by 10%, it is **202.9040, 18.7813, -50.7818**.

Distribution



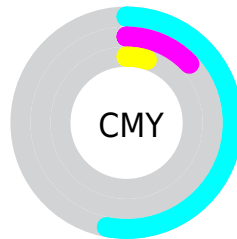
- Red (47%)
- Green (87%)
- Blue (95%)



- Red (47%)
- Yellow (69%)
- Blue (95%)



- Cyan (50%)
- Magenta (8%)
- Yellow (0%)
- Black (5%)



- Cyan (53%)
- Magenta (13%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.3800, 23.4767, -63.4773 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 193.3800, 23.4767, -63.4773 by changing the saturation by 10% instead.

193.3800, 23.4767,
-63.4773

193.3800, 23.4767,
-63.4773

255.0000, 0.0000,
0.0000

164.7820, 23.7715,
-64.7068

232.5750, 11.0555,
-46.1083

135.8740, 24.2191,
-68.2955

241.5450, 6.6333,
-27.6650

101.6980, 27.7569,
-83.0501

250.5150, 2.2111,
-9.2217

81.3790, 24.9562,
-71.3694

64.4410, 20.9816,
-56.5148

47.5030, 17.0070,
-41.6601

31.3800, 13.6167,

-27.5203

■ 16.0720, 10.8105,
-14.0951

■ 2.2970, 6.2626,
-2.0145

■ 193.3800, 23.4767,
-63.4773

■ 193.3800, 23.4767,
-63.4773

■ 183.8560, 28.1720,
-76.1727

■ 202.9040, 18.7813,
-50.7818

■ 174.3320, 32.8673,
-88.8682

■ 212.4280, 14.0860,
-38.0864

■ 164.8080, 37.5627,
-101.5636

■ 221.9520, 9.3907,
-25.3909

■ 155.2840, 42.2580,
-114.2591

■ 231.4760, 4.6953,
-12.6955

■ 145.7600, 46.9533,
-126.9545

■ 241.0000, 0.0000,
0.0000

■ 145.4610, 47.1007,
-127.5693

■ 247.5340, -3.2213,
6.5477

■ 249.8820, -4.3788,
4.4885

■ 252.2300, -5.5364,
2.4293

■ 253.4040, -6.1152,
1.3997

Harmonies

Analogous

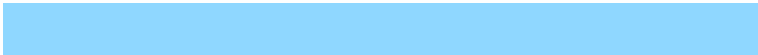
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



193.5690, 10.0725, -57.5040



193.3800, 23.4767, -63.4773



198.0320, 28.0852, -48.2631

Triad

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



193.3800, 23.4767, -63.4773



211.2120, 8.7695, 34.0171



204.3890, -26.8138, 13.6908

Complementary

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



193.3800, 23.4767, -63.4773



168.6200, -23.4767, 63.4773

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.



207.3360, -26.2946, 33.9083



193.3800, 23.4767, -63.4773



208.2270, -4.0559, 41.0199

Square

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



193.3800, 23.4767, -63.4773



210.4460, 20.4861, 9.2559



206.9100, -16.7176, 42.1749



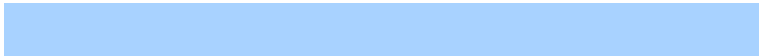
201.3580, -19.8965, -11.7150

Rectangle

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



193.3800, 23.4767, -63.4773



202.5720, 25.8470, -30.3196



206.9100, -16.7176, 42.1749



205.2050, -27.7091, 20.8682

Sweetspot

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



193.3800, 23.4767, -63.4773



240.1160, 7.3378, -20.2727



193.7200, -25.9910, -63.7754



118.7750, 4.5479, -12.0807



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.



193.3800, 23.4767, -63.4773



193.9910, 30.0774, -80.6761



158.1600, 40.8401, -32.5893



115.2380, 2.3477, -6.3477



110.7870, 36.0940, -97.1602



33.9730, 10.8593, -29.7943

Inverse Universe

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



168.2800, 25.9910, 63.7754



162.3390, 33.3569, 81.2637



203.8400, -40.8401, 32.5893



112.7280, 2.5991, 6.3775



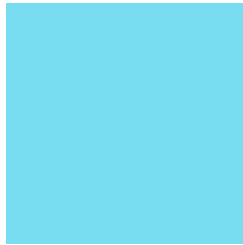
72.4580, 39.7072, 97.8223



22.1020, 12.2747, 29.7285

Previews

White Background



This preview shows how the YUV color 193.3800, 23.4767, -63.4773 looks on a white background.

Color Contrast Check

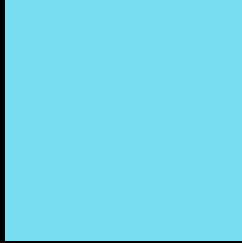
Large Text (above 18pt) WCAG AA × Fail

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 193.3800, 23.4767, -63.4773 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 193.3800, 23.4767, -63.4773

Background



This preview shows how black text looks on a background with the YUV color 193.3800, 23.4767, -63.4773.



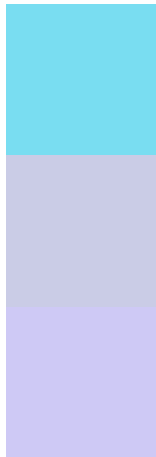
This preview shows how white text looks on a background with the YUV color 193.3800, 23.4767, -63.4773.

-63.4773.

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

193.3800, 23.4767, -63.4773

Protanopia

206.3660, 11.6516, -3.8290

Deuteranopia

207.5110, 18.4821, -1.3251



Tritanopia

192.8530, 22.7505, -63.8921

Trichromacy



Original Color

193.3800, 23.4767, -63.4773

Protanomaly

201.6730, 15.9372, -25.1462

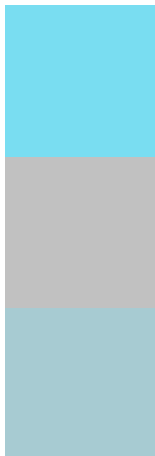
Deuteranomaly

202.2370, 20.5892, -23.8868

Tritanomaly

192.9670, 23.1873, -63.9921

Monochromacy



Original Color

193.3800, 23.4767, -63.4773

Achromatopsia

193.0000, 0.0000, 0.0000

Achromatomaly

193.0340, 8.3642, -22.8318

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.3800, 23.4767, -63.4773 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(121, 221, 241)` looks like.

```
.text, #text, p{  
    color:rgb(121, 221, 241)  
}
```

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(121, 221, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 221, 241) }
```

Border

The CSS property to change the border of an element to YUV 193.3800, 23.4767, -63.4773 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(121, 221, 241) }
```


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

```
.border{ border-color:rgb(121, 221, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 221, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 221, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 221, 241);  
box-shadow:4px 4px 4px 4px rgb(121, 221,  
241) }
```

Background

The CSS property to change the background color of an element to YUV 193.3800, 23.4767, -63.4773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 221, 241) }
```

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

```
.background{ background-color: rgb(121,  
221, 241) }
```

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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