

Converting Colors

YIQ(195.9040, -88.3470,
-23.3470)

Have a look what the booklet for
YIQ(195.9040, -88.3470, -23.3470)
contains.

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Color

**YIQ(195.9040, -88.3470,
-23.3470)**

Conversions

Conversions Part 1

Format	Color
Hex	61EBFE
RGB	97, 235, 254
RGB Percent	38%, 92%, 100%
CMY	0.6199, 0.0782, 0.0043
CMYK	0.62, 0.07, 0.00, 0.00
HSL	187°, 99%, 69%
HSV	187°, 62%, 100%
XYZ	52.5206, 69.1367, 104.2643
YIQ	195.9040, -88.3470, -23.3470

Conversions

Conversions Part 2

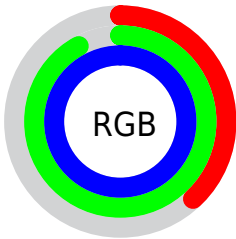
Format	Color
RYB	97, 170, 254
Decimal	6417406
CIELab	86.57, -31.82, -20.28
CIElCh	87, 37.735, 212.515
Yxy	69.1367, 0.2325, 0.3060
Android (android.graphics.Color)	4284607486 (0xFF61EBFE)
YUV	195.9040, 28.6413, -86.7388
Hunter-Lab	83.1485, -32.7605, -16.1430

Details

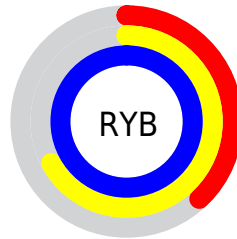
The YIQ color **195.9040, -88.3470, -23.3470** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **155.0960, 88.3470, 23.3470**, and the grayscale version is **196.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **227.1930, -55.4280, -19.7160**, and **127.5310, -112.4620, -32.3500** is the 20% darker color. If you saturate the color by 10%, you get **186.6680, -102.4220, -27.0780**, and if you desaturate by 10%, it is **205.1400, -74.2720, -19.6160**.

Distribution



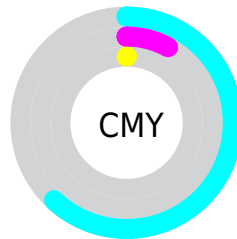
- Red (38%)
- Green (92%)
- Blue (100%)



- Red (38%)
- Yellow (67%)
- Blue (100%)



- Cyan (62%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (62%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 195.9040, -88.3470, -23.3470 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 YIQ color 195.9040, -88.3470, -23.3470 by changing the saturation by 10% instead.

195.9040,
-88.3470, -23.3470

195.9040,
-88.3470, -23.3470

255.0000, -0.0000,
-0.0000

164.8000,
-93.9860, -25.7780

227.1930,
-55.4280, -19.7160

127.5310,
-112.4620, -32.3500

236.4620,
-36.9520, -13.1440

108.6040,
-96.3700, -26.6260

245.7310,
-18.4760, -6.5720

90.2640, -80.5530,
-21.4250

72.1520, -65.3780,
-15.6020

55.2140, -50.7530,
-10.8250

38.3900, -36.4490,

-5.7370

■ 24.1420, -23.8870,
-2.1190

■ 3.5510, -8.6210,
7.5630

■ 195.9040,
-88.3470, -23.3470

■ 195.9040,
-88.3470, -23.3470

■ 186.6680,
-102.4220, -27.0780

■ 205.1400,
-74.2720, -19.6160

■ 177.1330,
-117.0930, -31.0210

■ 214.6750,
-59.6010, -15.6730

■ 167.8970,
-131.1680, -34.7520

■ 223.9110,
-45.5260, -11.9420

■ 159.8570,
-142.8590, -37.6350

■ 233.1470,
-31.4510, -8.2110

■ 242.6820,
-16.7800, -4.2680

■ 251.9180, -2.7050,
-0.5370

254.8860, 0.3210,
-0.3110

Harmonies

Analogous

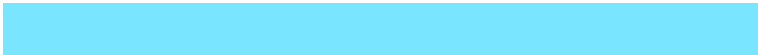
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



198.7800, -64.8710, -30.3030



195.9040, -88.3470, -23.3470



199.9710, -72.1180, -14.5980

Triad

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



195.9040, -88.3470, -23.3470



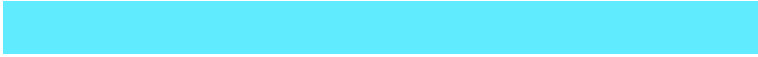
219.2100, 18.1050, 29.8250



214.1960, 36.7740, -16.6820

Complementary

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



195.9040, -88.3470, -23.3470



155.0960, 88.3470, 23.3470

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.



212.9620, 46.7210, -4.2150



195.9040, -88.3470, -23.3470



212.2850, 30.7150, 21.5550

Square

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



195.9040, -88.3470, -23.3470



217.5660, -3.8090, 19.4790



210.0560, 41.1250, 9.1010



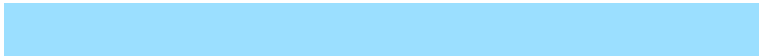
210.1320, 7.2950, -27.5930

Rectangle

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



195.9040, -88.3470, -23.3470



206.3160, -50.8000, -4.4640



210.0560, 41.1250, 9.1010



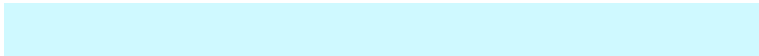
215.2510, 44.1090, -11.9470

Sweetspot

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



195.9040, -88.3470, -23.3470



237.1260, -26.9580, -7.0380



191.2110, -48.9530, -76.5130



116.6820, -16.7800, -4.2680



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.



195.9040, -88.3470, -23.3470



184.9880, -106.3190, -28.0390



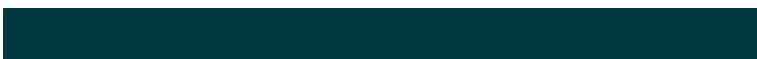
150.1180, -66.8970, 17.4470



122.9390, -7.1980, -1.7100



120.3900, -107.5110, -28.4630



40.1680, -35.9440, -9.3840

Inverse Universe

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



159.6750, 49.2740, 76.2020



141.4350, 59.3580, 91.6940



200.8820, 66.8970, -17.4470



120.1410, 4.2170, 6.1770



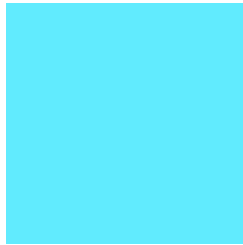
76.2610, 59.9080, 92.7400



25.5200, 20.1680, 30.9840

Previews

White Background



This preview shows how the YIQ color 195.9040, -88.3470, -23.3470 looks on a white background.

Color Contrast Check

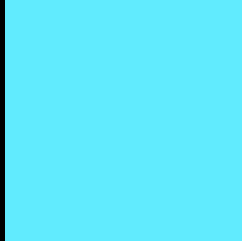
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 195.9040, -88.3470, -23.3470 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](#).

YIQ 195.9040, -88.3470, -23.3470 Background



This preview shows how black text looks on a background with the YIQ color 195.9040, -88.3470, -23.3470.



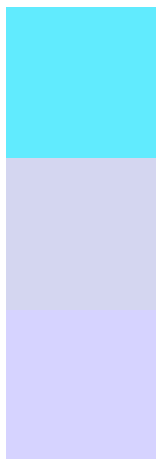
This preview shows how white text looks on a background with the YIQ color 195.9040, -88.3470, -23.3470.

-23.3470.

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

195.9040, -88.3470, -23.3470

Protanopia

216.3660, -9.5380, 7.6620

Deuteranopia

216.9130, -12.3360, 14.3200



Tritanopia

195.9040, -88.3470, -23.3470

Trichromacy



Original Color

195.9040, -88.3470, -23.3470



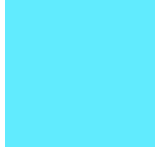
Protanomaly

209.0740, -38.3750, -3.8710



Deuteranomaly

209.3390, -40.4390, 0.4970



Tritanomaly

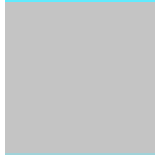
195.9040, -88.3470, -23.3470

Monochromacy



Original Color

195.9040, -88.3470, -23.3470



Achromatopsia

196.0000, -0.0000, -0.0000



Achromatomaly

195.8480, -32.0470, -8.4230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.9040, -88.3470, -23.3470 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(97, 235, 254)` looks like.

```
.text, #text, p{  
    color:rgb(97, 235, 254)  
}
```

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(97, 235, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 235, 254) }
```

Border

The CSS property to change the border of an element to YIQ 195.9040, -88.3470, -23.3470 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(97, 235, 254) }
```


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

```
.border{ border-color:rgb(97, 235, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 235, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 235, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 235, 254);  
box-shadow:4px 4px 4px 4px rgb(97, 235,  
254) }
```

Background

The CSS property to change the background color of an element to YIQ 195.9040, -88.3470, -23.3470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 235, 254) }
```

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

```
.background{ background-color: rgb(97, 235,  
254) }
```

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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