

Converting Colors

YIQ(158.4500, -89.4040,
-9.6920)

Have a look what the booklet for
YIQ(158.4500, -89.4040, -9.6920)
contains.

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Color

**YIQ(158.4500, -89.4040,
-9.6920)**

Conversions

Conversions Part 1

Format	Color
Hex	43BDF1
RGB	67, 189, 241
RGB Percent	26%, 74%, 95%
CMY	0.7375, 0.2586, 0.0553
CMYK	0.72, 0.22, 0.00, 0.06
HSL	198°, 86%, 60%
HSV	198°, 72%, 94%
XYZ	36.3810, 43.9531, 89.7065
YIQ	158.4500, -89.4040, -9.6920

Conversions

Conversions Part 2

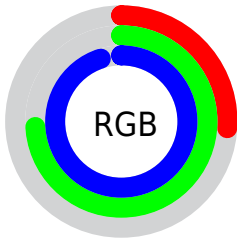
Format	Color
R _Y B	67, 139, 241
Decimal	4439537
CIE Lab	72.20, -17.12, -35.43
CIE LCh	72, 39.350, 244.203
Yxy	43.9531, 0.2140, 0.2585
Android (android.graphics.Color)	4282629617 (0xFF43BDF1)
YUV	158.4500, 40.6972, -80.2016
Hunter-Lab	66.2972, -18.0669, -33.8171

Details

The YIQ color **158.4500, -89.4040, -9.6920** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **149.5500, 89.4040, 9.6920**, and the grayscale version is **158.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **213.5490, -68.1740, -19.9980**, and **100.9220, -96.7850, -13.5930** is the 20% darker color. If you saturate the color by 10%, you get **147.1650, -101.7830, -11.1190**, and if you desaturate by 10%, it is **169.7350, -77.0250, -8.2650**.

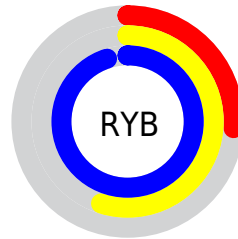
Distribution



Red (26%)

Green (74%)

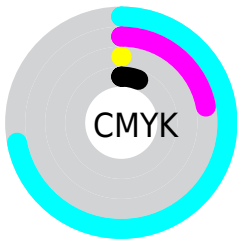
Blue (95%)



Red (26%)

Yellow (55%)

Blue (95%)

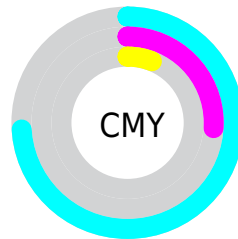


Cyan (72%)

Magenta (22%)

Yellow (0%)

Black (6%)



Cyan (74%)

Magenta (26%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 158.4500, -89.4040, -9.6920 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 158.4500, -89.4040, -9.6920 by changing the saturation by 10% instead.

■ 158.4500,
-89.4040, -9.6920

■ 158.4500,
-89.4040, -9.6920

■ 255.0000, -0.0000,
-0.0000

■ 120.4580,
-110.2180, -17.9460

■ 213.5490,
-68.1740, -19.9980

■ 100.9220,
-96.7850, -13.5930

■ 228.6880,
-52.4480, -18.6560

■ 82.5820, -80.9680,
-8.3920

■ 237.9570,
-33.9720, -12.0840

■ 65.4160, -65.7010,
-4.2370

■ 247.2260,
-15.4960, -5.5120

■ 49.0650, -51.3510,
0.0170

■ 33.3010, -37.2760,
3.7480

■ 17.1780, -23.5680,

8.6240

■ 5.2780, -12.1060,
10.1500

■ 1.2540, -3.5310,
3.4210

■ 158.4500,
-89.4040, -9.6920

■ 158.4500,
-89.4040, -9.6920

■ 147.1650,
-101.7830, -11.1190

■ 169.7350,
-77.0250, -8.2650

■ 135.8800,
-114.1620, -12.5460

■ 181.0200,
-64.6460, -6.8380

■ 126.6770,
-123.8360, -13.4360

■ 192.8920,
-52.5420, -5.9340

■ 204.1770,
-40.1630, -4.5070

■ 215.4620,
-27.7840, -3.0800

■ 226.7470,
-15.4050, -1.6530

■ 238.3310, -2.4300,
-0.0140

■ 248.1210, 6.9690,
0.3530

■ 252.8170, 4.7690,
-3.8310

Harmonies

Analogous

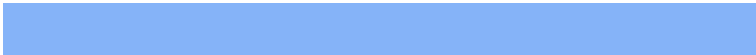
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



139.6870, -121.7690, -34.3850



158.4500, -89.4040, -9.6920



173.1120, -49.5650, 11.7070

Triad

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



158.4500, -89.4040, -9.6920



180.4400, 49.5120, 27.8160



169.9360, 4.9110, -28.4410

Complementary

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



158.4500, -89.4040, -9.6920



149.5500, 89.4040, 9.6920

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.



174.3590, 34.7570, -18.6750



158.4500, -89.4040, -9.6920



178.4990, 59.0510, 14.6270

Square

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



158.4500, -89.4040, -9.6920



182.0970, 25.8530, 32.5810



176.7240, 53.3230, -2.7170



164.4940, -31.9510, -32.1990

Rectangle

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



158.4500, -89.4040, -9.6920



178.5070, -22.5160, 22.6040



176.7240, 53.3230, -2.7170



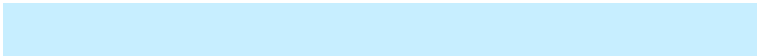
171.6770, 16.0060, -25.7700

Sweetspot

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



158.4500, -89.4040, -9.6920



228.2770, -28.7010, -2.9810



174.7240, -63.5790, -75.7630



111.9640, -17.5140, -1.9780



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.



158.4500, -89.4040, -9.6920



149.8800, -114.1620, -12.5460



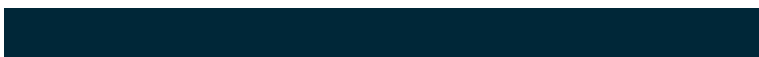
109.1420, -66.3040, 34.2400



114.0640, -6.0520, -0.4520



96.6990, -94.5390, -10.2430



29.2770, -28.7010, -2.9810

Inverse Universe

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



132.9340, 64.5420, 74.8300



117.1620, 82.2360, 95.5800



198.8580, 66.3040, -34.2400



112.5000, 4.5840, 5.0320



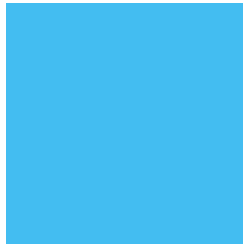
69.7220, 68.2550, 79.1270



21.1900, 20.8570, 24.0010

Previews

White Background



This preview shows how the YIQ color 158.4500, -89.4040, -9.6920 looks on a white background.

Color Contrast Check

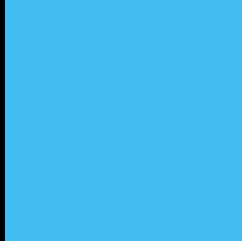
Large Text (above 18pt) WCAG AA × Fail

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 158.4500, -89.4040, -9.6920 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

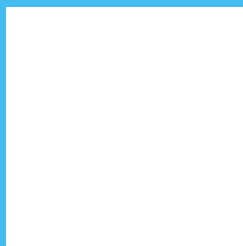
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 158.4500, -89.4040, -9.6920

Background



This preview shows how black text looks on a background with the YIQ color 158.4500, -89.4040, -9.6920.



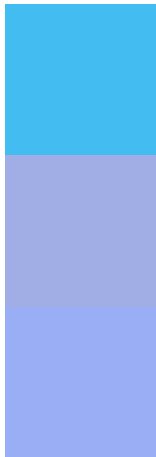
This preview shows how white text looks on a background with the YIQ color 158.4500, -89.4040, -9.6920.

-9.6920.

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

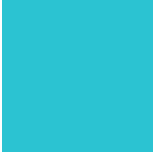
158.4500, -89.4040, -9.6920

Protanopia

176.3830, -25.4030, 14.3490

Deuteranopia

175.7010, -34.9860, 17.3180



Tritanopia

151.2620, -95.4070, -27.5590

Trichromacy



Original Color

158.4500, -89.4040, -9.6920

Protanomaly

169.6080, -48.3260, 5.7700

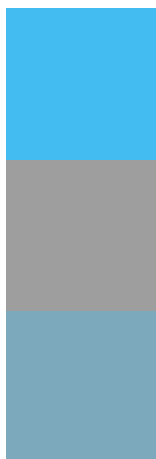
Deuteranomaly

169.2530, -54.5160, 7.8200

Tritanomaly

154.0330, -93.0240, -21.1840

Monochromacy



Original Color

158.4500, -89.4040, -9.6920

Achromatopsia

158.0000, -0.0000, 0.0000

Achromatomaly

158.0100, -32.3230, -3.4190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 158.4500, -89.4040, -9.6920 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(67, 189, 241)` looks like.

```
.text, #text, p{  
    color:rgb(67, 189, 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(67, 189, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 189, 241) }
```

Border

The CSS property to change the border of an element to YIQ 158.4500, -89.4040, -9.6920 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(67, 189, 241) }
```


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

```
.border{ border-color:rgb(67, 189, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 189, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 189, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 189, 241);  
box-shadow:4px 4px 4px 4px rgb(67, 189,  
241) }
```

Background

The CSS property to change the background color of an element to YIQ 158.4500, -89.4040, -9.6920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 189, 241) }
```

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

```
.background{ background-color: rgb(67, 189,  
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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