

Converting Colors

YIQ(135.4760, -92.2930,
-6.8930)

Have a look what the booklet for
YIQ(135.4760, -92.2930, -6.8930)
contains.

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Color

**YIQ(135.4760, -92.2930,
-6.8930)**

Conversions

Conversions Part 1

Format	Color
Hex	2BA5E2
RGB	43, 165, 226
RGB Percent	17%, 65%, 89%
CMY	0.8316, 0.3527, 0.1141
CMYK	0.81, 0.27, 0.00, 0.11
HSL	200°, 76%, 53%
HSV	200°, 81%, 89%
XYZ	28.1710, 32.9262, 76.7463
YIQ	135.4760, -92.2930, -6.8930

Conversions

Conversions Part 2

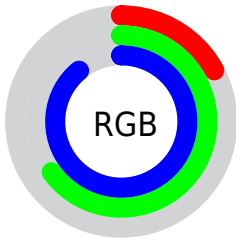
Format	Color
R _Y B	43, 116, 226
Decimal	2860514
CIE Lab	64.10, -11.90, -39.88
CIE LCh	64, 41.621, 253.394
Yxy	32.9262, 0.2044, 0.2389
Android (android.graphics.Color)	4281050594 (0xFF2BA5E2)
YUV	135.4760, 44.6283, -81.1015
Hunter-Lab	57.3814, -12.7841, -39.1320

Details

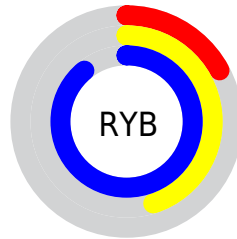
The YIQ color **135.4760, -92.2930, -6.8930** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **133.5240, 92.2930, 6.8930**, and the grayscale version is **135.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **193.4920, -72.0270, -10.7390**, and **85.7110, -85.6450, -6.2290** is the 20% darker color. If you saturate the color by 10%, you get **124.4900, -104.0760, -8.1080**, and if you desaturate by 10%, it is **147.0490, -80.7850, -6.2010**.

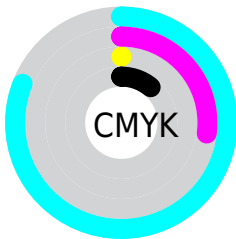
Distribution



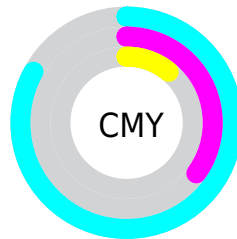
- Red (17%)
- Green (65%)
- Blue (89%)



- Red (17%)
- Yellow (45%)
- Blue (89%)



- Cyan (81%)
- Magenta (27%)
- Yellow (0%)
- Black (11%)



- Cyan (83%)
- Magenta (35%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 135.4760, -92.2930, -6.8930 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 135.4760, -92.2930, -6.8930 by changing the saturation by 10% instead.

■ 135.4760,
-92.2930, -6.8930

■ 135.4760,
-92.2930, -6.8930

■ 255.0000, -0.0000,
-0.0000

■ 104.1650,
-101.7830, -11.1190

■ 193.4920,
-72.0270, -10.7390

■ 85.7110, -85.6450,
-6.2290

■ 219.4960,
-60.6550, -18.5990

■ 68.5450, -70.3780,
-2.0740

■ 232.8740,
-44.1040, -15.6880

■ 52.1940, -56.0280,
2.1800

■ 241.8440,
-26.2240, -9.3280

■ 36.4300, -41.9530,
5.9110

■ 251.1130, -7.7480,
-2.7560

■ 22.5410, -29.0240,
8.3840

■ 7.5920, -15.8660,

12.2140

■ 3.3230, -7.9790,
6.9410

■ 0.0000, 0.0000,
0.0000

■ 135.4760,
-92.2930, -6.8930

■ 135.4760,
-92.2930, -6.8930

■ 124.4900,
-104.0760, -8.1080

■ 147.0490,
-80.7850, -6.2010

■ 114.4010,
-114.0710, -8.6870

■ 157.7360,
-69.5980, -5.1980

■ 169.3090,
-58.0900, -4.5060

■ 179.9960,
-46.9030, -3.5030

■ 191.5690,
-35.3950, -2.8110

■ 202.2560,
-24.2080, -1.8080

■ 213.8290,
-12.7000, -1.1160

■ 224.8150, -0.9170,
0.0990

■ 236.0890, 9.9950,
0.5790

Harmonies

Analogous

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



124.3340, -113.1050, -26.2010



135.4760, -92.2930, -6.8930



153.3630, -39.8460, 17.2900

Triad

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



135.4760, -92.2930, -6.8930



157.2080, 55.9770, 26.2890



146.1950, -6.1840, -31.1120

Complementary

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



135.4760, -92.2930, -6.8930



133.5240, 92.2930, 6.8930

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.



151.0050, 26.8260, -23.6220



135.4760, -92.2930, -6.8930



155.6360, 59.9230, 9.8350

Square

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



135.4760, -92.2930, -6.8930



159.4140, 35.2060, 33.7820



153.8820, 49.7020, -8.6820



137.3440, -49.1440, -34.4880

Rectangle

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



135.4760, -92.2930, -6.8930



158.3020, -11.5130, 26.9430



153.8820, 49.7020, -8.6820



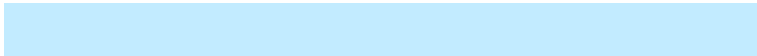
148.0070, 6.1490, -28.8510

Sweetspot

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



135.4760, -92.2930, -6.8930



225.0210, -30.8560, -2.4720



157.0330, -68.9430, -77.6710



109.3060, -18.4770, -1.0450



0.0000, 0.0000, 0.0000



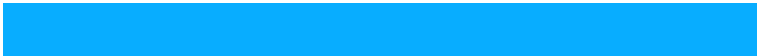
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



135.4760, -92.2930, -6.8930



133.0130, -124.6620, -9.4780



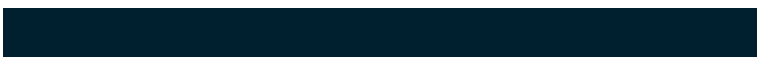
83.2330, -67.8180, 39.6540



106.3630, -5.4560, -0.2400



88.7430, -88.6710, -6.4550



24.2560, -24.2080, -1.8080

Inverse Universe

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



111.6250, 69.9060, 76.7380



100.6630, 94.2470, 103.6790



185.1800, 68.0930, -39.1310



105.0870, 4.3090, 4.5090



65.9620, 67.3390, 73.6990



18.0000, 18.3360, 20.1280

Previews

White Background



This preview shows how the YIQ color 135.4760, -92.2930, -6.8930 looks on a white background.

Color Contrast Check

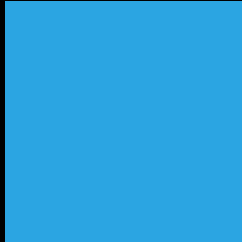
Large Text (above 18pt) WCAG AA × Fail

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 135.4760, -92.2930, -6.8930 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

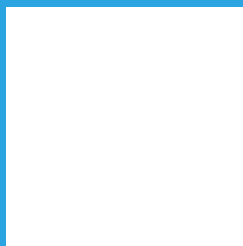
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 135.4760, -92.2930, -6.8930

Background



This preview shows how black text looks on a background with the YIQ color 135.4760, -92.2930, -6.8930.

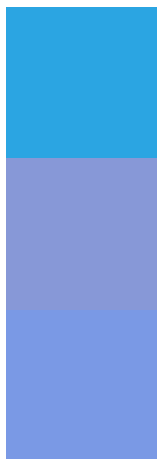


This preview shows how white text looks on a background with the YIQ color 135.4760, -92.2930, -6.8930.

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

135.4760, -92.2930, -6.8930

Protanopia

154.0990, -30.3550, 15.9890

Deuteranopia

152.3950, -42.8720, 17.0640



Tritanopia

121.4670, -106.4100, -31.8980

Trichromacy



Original Color

135.4760, -92.2930, -6.8930

Protanomaly

147.6230, -52.6820, 7.6220

Deuteranomaly

145.9580, -60.9350, 8.5130

Tritanomaly

126.7870, -101.1390, -22.7950

Monochromacy



Original Color

135.4760, -92.2930, -6.8930

Achromatopsia

135.0000, -0.0000, -0.0000

Achromatomaly

135.3520, -33.2860, -2.4860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.4760, -92.2930, -6.8930 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(43, 165, 226)` looks like.

```
.text, #text, p{  
    color:rgb(43, 165, 226)  
}
```

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(43, 165, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 165, 226) }
```

Border

The CSS property to change the border of an element to YIQ 135.4760, -92.2930, -6.8930 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(43, 165, 226) }
```


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

```
.border{ border-color:rgb(43, 165, 226) }
```

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

Here you see how a box with a 4 pixel rgb(43, 165, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 165, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 165, 226);  
box-shadow:4px 4px 4px 4px rgb(43, 165,  
226) }
```

Background

The CSS property to change the background color of an element to YIQ 135.4760, -92.2930, -6.8930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 165, 226) }
```

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

```
.background{ background-color: rgb(43, 165,  
226) }
```

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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