

Converting Colors

YIQ(130.6770, -35.5790, 0.5250)

Have a look what the booklet for
YIQ(130.6770, -35.5790, 0.5250)
contains.

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Color

**YIQ(130.6770, -35.5790,
0.5250)**

Conversions

Conversions Part 1

Format	Color
Hex	618CAB
RGB	97, 140, 171
RGB Percent	38%, 55%, 67%
CMY	0.6197, 0.4509, 0.3296
CMYK	0.43, 0.18, 0.00, 0.33
HSL	205°, 31%, 53%
HSV	205°, 43%, 67%
XYZ	21.6549, 24.2404, 42.0445
YIQ	130.6770, -35.5790, 0.5250

Conversions

Conversions Part 2

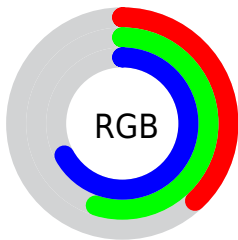
Format	Color
R _Y B	97, 124, 171
Decimal	6393003
CIE Lab	56.33, -6.38, -20.94
CIE LCh	56, 21.886, 253.064
Yxy	24.2404, 0.2462, 0.2756
Android (android.graphics.Color)	4284583083 (0xFF618CAB)
YUV	130.6770, 19.8792, -29.5347
Hunter-Lab	49.2345, -7.6504, -16.1674

Details

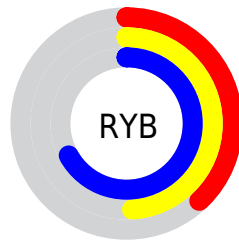
The YIQ color $130.6770, -35.5790, 0.5250$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $137.3230, 35.5790, -0.5250$, and the grayscale version is $131.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $184.2040, -35.6250, 1.3590$, and $79.5520, -36.7250, -0.7330$ is the 20% darker color. If you saturate the color by 10%, you get $121.4850, -43.7860, 0.5820$, and if you desaturate by 10%, it is $139.8690, -27.3720, 0.4680$.

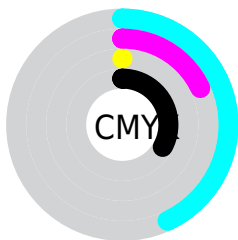
Distribution



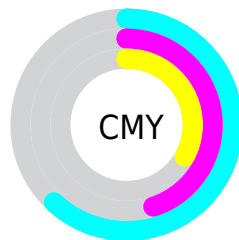
- Red (38%)
- Green (55%)
- Blue (67%)



- Red (38%)
- Yellow (49%)
- Blue (67%)



- Cyan (43%)
- Magenta (18%)
- Yellow (0%)
- Black (33%)



- Cyan (62%)
- Magenta (45%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 130.6770, -35.5790, 0.5250 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 130.6770, -35.5790, 0.5250 by changing the saturation by 10% instead.

■ 130.6770,
-35.5790, 0.5250

■ 130.6770,
-35.5790, 0.5250

■ 255.0000, -0.0000,
-0.0000

■ 105.1500,
-35.5330, -0.3090

■ 184.7910,
-35.9000, 0.8360

■ 79.5520, -36.7250,
-0.7330

■ 212.0190,
-36.5420, 1.4580

■ 53.6330, -41.4470,
-3.2630

■ 237.7130,
-27.2330, -7.5610

■ 34.3950, -34.8450,
-1.7650

■ 249.0200,
-11.9200, -4.2400

■ 19.5600, -22.0080,
2.3760

■ 3.6650, -8.9420,
7.8740

■ 0.0000, 0.0000,

0.0000

■ 130.6770,
-35.5790, 0.5250

■ 130.6770,
-35.5790, 0.5250

■ 121.4850,
-43.7860, 0.5820

■ 139.8690,
-27.3720, 0.4680

■ 112.2930,
-51.9930, 0.6390

■ 149.0610,
-19.1650, 0.4110

■ 103.1010,
-60.2000, 0.6960

■ 158.2530,
-10.9580, 0.3540

■ 93.3220, -68.1320,
1.2760

■ 168.0320, -3.0260,
-0.2260

■ 84.1300, -76.3390,
1.3330

■ 177.2240, 5.1810,
-0.2830

■ 77.6070, -82.1160,
1.4040

■ 186.7150, 13.9840,
-0.1280

■ 195.9070, 22.1910,
-0.1850

■ 205.0990, 30.3980,
-0.2420

■ 214.2910, 38.6050,
-0.2990

Harmonies

Analogous

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



126.6880, -43.2800, -8.5920



130.6770, -35.5790, 0.5250



135.0430, -18.7540, 9.4860

Triad

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



130.6770, -35.5790, 0.5250



137.5310, 29.6620, 13.1020



131.1330, -2.4730, -15.7610

Complementary

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



130.6770, -35.5790, 0.5250



137.3230, 35.5790, -0.5250

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.



132.8640, 14.5820, -10.9700



130.6770, -35.5790, 0.5250



136.4570, 32.5060, 5.6100

Square

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



130.6770, -35.5790, 0.5250



138.0060, 18.1990, 17.1030



135.1370, 27.2350, -3.4930



128.4390, -20.9500, -16.8060

Rectangle

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



130.6770, -35.5790, 0.5250



136.9200, -5.0460, 14.3620



135.1370, 27.2350, -3.4930



131.5960, 3.5330, -14.4750

Sweetspot

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



130.6770, -35.5790, 0.5250



206.2850, -13.9840, 0.1280



143.9720, -30.3010, -29.0610



102.5090, -8.8030, -0.1550



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



130.6770, -35.5790, 0.5250



159.1400, -55.9360, 0.5120



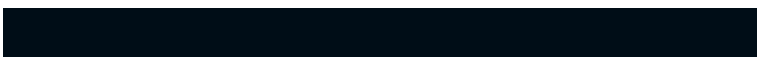
108.9580, -25.4040, 19.8760



81.9610, -4.2640, 0.1840



68.7560, -72.3500, 0.6260



10.2530, -10.9580, 0.3540

Inverse Universe

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



124.0280, 30.3010, 29.0610



148.4360, 47.3080, 45.7400



159.0420, 25.4040, -19.8760



81.2610, 3.7590, 3.4630



54.8820, 61.1520, 59.1680



8.3590, 9.5350, 8.9190

Previews

White Background



This preview shows how the YIQ color 130.6770, -35.5790, 0.5250 looks on a white background.

Color Contrast Check

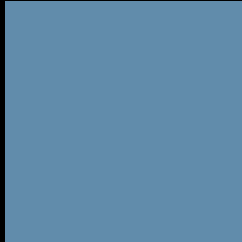
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.6770, -35.5790, 0.5250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

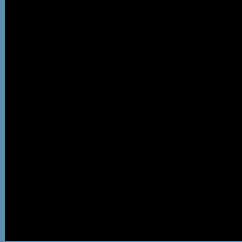
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 130.6770, -35.5790, 0.5250

Background



This preview shows how black text looks on a background with the YIQ color 130.6770, -35.5790, 0.5250.



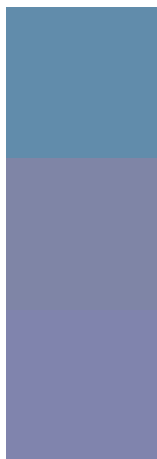
This preview shows how white text looks on a background with the YIQ color 130.6770, -35.5790,

0.5250.

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

130.6770, -35.5790, 0.5250

Protanopia

134.9680, -14.1690, 8.9910

Deuteranopia

135.4780, -15.5450, 11.9030



Tritanopia

129.0050, -33.9270, -7.3910

Trichromacy



Original Color

130.6770, -35.5790, 0.5250

Protanomaly

133.6680, -22.1920, 5.7120

Deuteranomaly

133.8360, -22.6050, 7.6910

Tritanomaly

129.7000, -34.3860, -4.5780

Monochromacy



Original Color

130.6770, -35.5790, 0.5250

Achromatopsia

131.0000, -0.0000, -0.0000

Achromatomaly

130.8830, -12.7920, 0.5520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.6770, -35.5790, 0.5250 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, 140, 171)` looks like.

```
.text, #text, p{  
    color:rgb(97, 140, 171)  
}
```

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, 140, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 140, 171) }
```

Border

The CSS property to change the border of an element to YIQ 130.6770, -35.5790, 0.5250 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, 140, 171) }
```


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

```
.border{ border-color:rgb(97, 140, 171) }
```

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

Here you see how a box with a 4 pixel rgb(97, 140, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 140, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 140, 171);  
box-shadow:4px 4px 4px 4px rgb(97, 140,  
171) }
```

Background

The CSS property to change the background color of an element to YIQ 130.6770, -35.5790, 0.5250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 140, 171) }
```

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

```
.background{ background-color: rgb(97, 140,  
171) }
```

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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