

Converting Colors

YIQ(135.5790, -32.1870, 5.1330)

Have a look what the booklet for
YIQ(135.5790, -32.1870, 5.1330)
contains.

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Color

**YIQ(135.5790, -32.1870,
5.1330)**

Conversions

Conversions Part 1

Format	Color
Hex	6C8DB4
RGB	108, 141, 180
RGB Percent	42%, 55%, 71%
CMY	0.5765, 0.4470, 0.2943
CMYK	0.40, 0.22, 0.00, 0.29
HSL	212°, 32%, 56%
HSV	212°, 40%, 71%
XYZ	23.9437, 25.5348, 46.8252
YIQ	135.5790, -32.1870, 5.1330

Conversions

Conversions Part 2

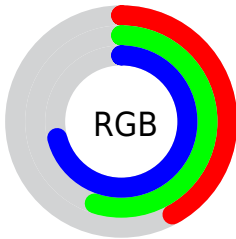
Format	Color
R _Y B	108, 131, 180
Decimal	7114164
CIE Lab	57.59, -1.43, -24.08
CIE LCh	58, 24.121, 266.605
Yxy	25.5348, 0.2486, 0.2651
Android (android.graphics.Color)	4285304244 (0xFF6C8DB4)
YUV	135.5790, 21.8996, -24.1868
Hunter-Lab	50.5320, -3.8518, -19.5685

Details

The YIQ color $135.5790, -32.1870, 5.1330$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $152.4210, 32.1870, -5.1330$, and the grayscale version is $135.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $189.2200, -32.5540, 6.2780$, and $84.6390, -32.4160, 3.7760$ is the 20% darker color. If you saturate the color by 10%, you get $124.3270, -40.1650, 6.5470$, and if you desaturate by 10%, it is $146.8310, -24.2090, 3.7190$.

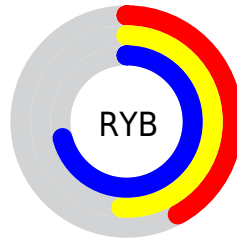
Distribution



Red (42%)

Green (55%)

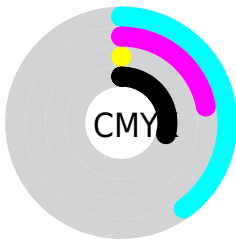
Blue (71%)



Red (42%)

Yellow (51%)

Blue (71%)

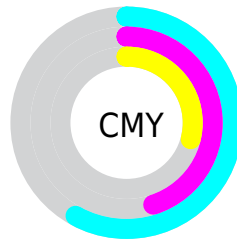


Cyan (40%)

Magenta (22%)

Yellow (0%)

Black (29%)



Cyan (58%)

Magenta (45%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 135.5790, -32.1870, 5.1330 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 135.5790, -32.1870, 5.1330 by changing the saturation by 10% instead.

■ 135.5790,
-32.1870, 5.1330

■ 135.5790,
-32.1870, 5.1330

■ 255.0000, -0.0000,
-0.0000

■ 110.0520,
-32.1410, 4.2990

■ 189.8070,
-32.8290, 5.7550

■ 84.6390, -32.4160,
3.7760

■ 216.1940,
-29.6650, 3.4790

■ 59.9160, -34.7540,
2.0940

■ 241.5890,
-20.9520, -5.7520

■ 35.8940, -37.6880,
0.2000

■ 252.6080, -4.7680,
-1.6960

■ 20.9450, -24.5300,
4.0300

■ 4.9360, -11.1430,
9.2170

■ 0.7980, -2.2470,

2.1770

■ 0.0000, 0.0000,
0.0000

■ 135.5790,
-32.1870, 5.1330

■ 135.5790,
-32.1870, 5.1330

■ 124.3270,
-40.1650, 6.5470

■ 146.8310,
-24.2090, 3.7190

■ 113.6620,
-48.4180, 7.4380

■ 157.4960,
-15.9560, 2.8280

■ 102.4100,
-56.3960, 8.8520

■ 168.7480, -7.9780,
1.4140

■ 91.1580, -64.3740,
10.2660

■ 180.0000, -0.0000,
-0.0000

■ 79.9060, -72.3520,
11.6800

■ 191.2520, 7.9780,
-1.4140

■ 69.2410, -80.6050,
12.5710

■ 201.9170, 16.2310,
-2.3050

■ 213.1690, 24.2090,
-3.7190

■ 224.4210, 32.1870,
-5.1330

■ 231.1880, 31.2250,
-9.7270

Harmonies

Analogous

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



130.5290, -47.0860, -5.6940



135.5790, -32.1870, 5.1330



139.9840, -11.0980, 13.9100

Triad

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



135.5790, -32.1870, 5.1330



140.5870, 35.2560, 10.8400



132.5770, -12.6510, -18.5310

Complementary

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



135.5790, -32.1870, 5.1330



152.4210, 32.1870, -5.1330

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.



135.4070, 8.4390, -15.2810



135.5790, -32.1870, 5.1330



139.0070, 33.6530, 1.3410

Square

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



135.5790, -32.1870, 5.1330



141.6110, 26.6810, 17.5690



137.4200, 24.7600, -8.2000



129.1540, -33.3290, -18.2330

Rectangle

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



135.5790, -32.1870, 5.1330



141.4050, 3.8940, 17.5420



137.4200, 24.7600, -8.2000



133.4100, -4.8110, -17.4430

Sweetspot

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



135.5790, -32.1870, 5.1330



216.9370, -12.8840, 2.2200



154.5960, -31.9980, -25.8380



106.9330, -7.0610, 1.3150



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



135.5790, -32.1870, 5.1330



165.4060, -50.5730, 7.9470



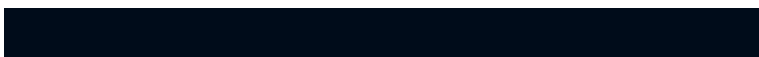
116.8060, -21.9200, 22.8160



83.3740, -3.9890, 0.7070



58.5320, -68.3630, 10.9730



10.0080, -11.6460, 1.8100

Inverse Universe

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



133.2900, 32.3190, 25.5270



161.7150, 50.6560, 40.1280



171.1940, 21.9200, -22.8160



83.1470, 4.0800, 3.1520



53.7270, 68.7180, 54.2060



9.1420, 11.6440, 9.2440

Previews

White Background



This preview shows how the YIQ color 135.5790, -32.1870, 5.1330 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 135.5790, -32.1870, 5.1330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

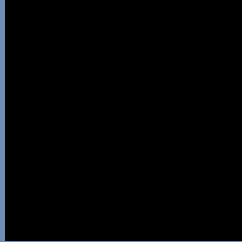
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

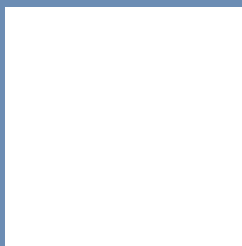
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 135.5790, -32.1870, 5.1330

Background



This preview shows how black text looks on a background with the YIQ color 135.5790, -32.1870, 5.1330.



This preview shows how white text looks on a background with the YIQ color 135.5790, -32.1870,

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

135.5790, -32.1870, 5.1330

Protanopia

138.2820, -17.9290, 11.0550

Deuteranopia

138.7380, -19.2130, 12.2990



Tritanopia

133.5110, -29.4800, -5.3840

Trichromacy



Original Color

135.5790, -32.1870, 5.1330

Protanomaly

137.4770, -22.9720, 8.8360

Deuteranomaly

137.8190, -23.9350, 9.7690

Tritanomaly

134.4340, -30.5810, -1.9490

Monochromacy



Original Color

135.5790, -32.1870, 5.1330

Achromatopsia

136.0000, -0.0000, 0.0000

Achromatomaly

136.0080, -11.6460, 1.8100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.5790, -32.1870, 5.1330 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(108, 141, 180)` looks like.

```
.text, #text, p{  
    color:rgb(108, 141, 180)  
}
```

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(108, 141, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 141, 180) }
```

Border

The CSS property to change the border of an element to YIQ 135.5790, -32.1870, 5.1330 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(108, 141, 180) }
```


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

```
.border{ border-color:rgb(108, 141, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 141, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 141, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 141, 180);  
box-shadow:4px 4px 4px 4px rgb(108, 141,  
180) }
```

Background

The CSS property to change the background color of an element to YIQ 135.5790, -32.1870, 5.1330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 141, 180) }
```

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

```
.background{ background-color: rgb(108,  
141, 180) }
```

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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