

Converting Colors

YIQ(130.3430, -63.4570,
10.1670)

Have a look what the booklet for
YIQ(130.3430, -63.4570, 10.1670)
contains.

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Color

**YIQ(130.3430, -63.4570,
10.1670)**

Conversions

Conversions Part 1

Format	Color
Hex	4C8DDA
RGB	76, 141, 218
RGB Percent	30%, 55%, 85%
CMY	0.7020, 0.4469, 0.1454
CMYK	0.65, 0.35, 0.00, 0.15
HSL	213°, 66%, 58%
HSV	213°, 65%, 85%
XYZ	25.1518, 25.6511, 69.9007
YIQ	130.3430, -63.4570, 10.1670

Conversions

Conversions Part 2

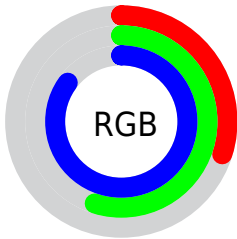
Format	Color
R_{YB}	76, 121, 218
Decimal	5017050
CIE Lab	57.70, 3.31, -45.46
CIE LCh	58, 45.577, 274.171
Yxy	25.6511, 0.2084, 0.2125
Android (android.graphics.Color)	4283207130 (0xFF4C8DDA)
YUV	130.3430, 43.2149, -47.6588
Hunter-Lab	50.6469, 0.0129, -46.3768

Details

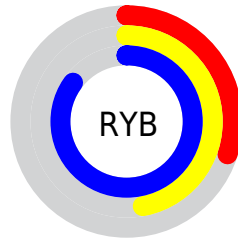
The YIQ color **130.3430, -63.4570, 10.1670** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **163.6570, 63.4570, -10.1670**, and the grayscale version is **130.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **183.9110, -53.5530, 6.8870**, and **71.9990, -77.3480, 3.1000** is the 20% darker color. If you saturate the color by 10%, you get **116.7210, -73.2690, 11.7790**, and if you desaturate by 10%, it is **143.9650, -53.6450, 8.5550**.

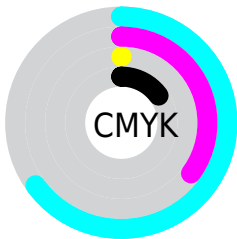
Distribution



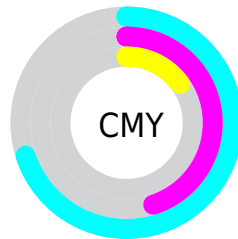
- Red (30%)
- Green (55%)
- Blue (85%)



- Red (30%)
- Yellow (47%)
- Blue (85%)



- Cyan (65%)
- Magenta (35%)
- Yellow (0%)
- Black (15%)



- Cyan (70%)
- Magenta (45%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 130.3430, -63.4570, 10.1670 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 130.3430, -63.4570, 10.1670 by changing the saturation by 10% instead.

■ 130.3430,
-63.4570, 10.1670

■ 130.3430,
-63.4570, 10.1670

■ 255.0000, -0.0000,
-0.0000

■ 101.4130,
-69.6460, 6.6900

■ 183.9110,
-53.5530, 6.8870

■ 71.8850, -77.0270,
2.7890

■ 209.3170,
-43.3730, -1.3970

■ 55.4200, -62.3560,
6.7320

■ 235.3100,
-33.4680, -10.2040

■ 40.1290, -48.2350,
9.6290

■ 246.6280,
-16.6880, -5.9360

■ 25.5390, -34.7100,
12.3140

■ 10.5900, -21.5520,
16.1440

■ 6.2070, -13.3440,

10.5600

■ 2.4110, -5.4110,
4.4530

■ 0.0000, 0.0000,
0.0000

■ 130.3430,
-63.4570, 10.1670

■ 130.3430,
-63.4570, 10.1670

■ 116.7210,
-73.2690, 11.7790

■ 143.9650,
-53.6450, 8.5550

■ 103.0990,
-83.0810, 13.3910

■ 157.5870,
-43.8330, 6.9430

■ 90.3630, -92.5720,
14.6920

■ 170.3230,
-34.3420, 5.6420

■ 83.5520, -97.4780,
15.4980

■ 183.9450,
-24.5300, 4.0300

■ 197.5670,
-14.7180, 2.4180

■ 211.1890, -4.9060,
0.8060

■ 224.8110, 4.9060,
-0.8060

■ 237.5470, 14.3970,
-2.1070

■ 246.0860, 14.0770,
-7.3230

Harmonies

Analogous

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



113.1640, -109.2100, -14.1860



130.3430, -63.4570, 10.1670



141.8830, -11.6510, 29.4450

Triad

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



130.3430, -63.4570, 10.1670



138.0050, 63.4980, 16.6340



120.8410, -40.4780, -37.3580

Complementary

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



130.3430, -63.4570, 10.1670



163.6570, 63.4570, -10.1670

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.



129.8280, 5.0950, -31.7770



130.3430, -63.4570, 10.1670



136.9370, 57.0370, -3.9470

Square

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



130.3430, -63.4570, 10.1670



139.8260, 54.4170, 32.5370



134.0340, 37.0500, -21.6860



109.6350, -89.6280, -38.6840

Rectangle

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



130.3430, -63.4570, 10.1670



143.1160, 15.6740, 35.3380



134.0340, 37.0500, -21.6860



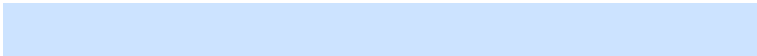
124.8770, -22.9640, -35.3800

Sweetspot

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



130.3430, -63.4570, 10.1670



223.3150, -22.6960, 3.8320



168.0180, -63.4460, -50.6300



108.7520, -13.8010, 2.3190



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.



130.3430, -63.4570, 10.1670



132.1030, -88.9040, 14.2960



93.6830, -42.6020, 45.2220



103.1890, -4.9060, 0.8060



66.0950, -77.2580, 12.4860



17.5710, -20.5410, 3.3230

Inverse Universe

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



125.8680, 63.7670, 50.3190



125.8750, 89.3930, 70.4890



200.3170, 42.6020, -45.2220



102.8590, 4.9510, 3.8870



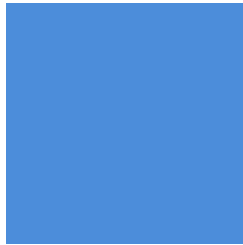
60.7330, 77.7490, 61.2450



16.1480, 20.6750, 16.2830

Previews

White Background



This preview shows how the YIQ color 130.3430, -63.4570, 10.1670 looks on a white background.

Color Contrast Check

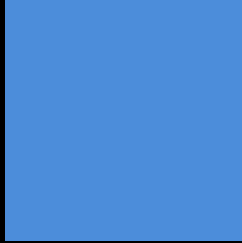
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.3430, -63.4570, 10.1670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

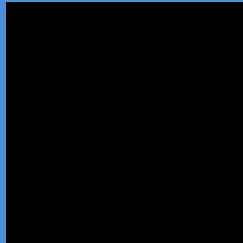
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 130.3430, -63.4570, 10.1670

Background



This preview shows how black text looks on a background with the YIQ color 130.3430, -63.4570, 10.1670.



This preview shows how white text looks on a background with the YIQ color 130.3430, -63.4570, 10.1670.

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

130.3430, -63.4570, 10.1670

Protanopia

136.4170, -39.9380, 18.9580

Deuteranopia

133.7790, -52.8210, 15.6510



Tritanopia

121.3750, -67.6240, -18.9520

Trichromacy



Original Color

130.3430, -63.4570, 10.1670

Protanomaly

134.2310, -48.2820, 15.9900

Deuteranomaly

132.5720, -56.6720, 13.8560

Tritanomaly

124.5960, -66.3880, -8.3080

Monochromacy



Original Color

130.3430, -63.4570, 10.1670

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

130.0160, -23.2920, 3.6200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.3430, -63.4570, 10.1670 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(76, 141, 218)` looks like.

```
.text, #text, p{  
    color:rgb(76, 141, 218)  
}
```

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(76, 141, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 141, 218) }
```

Border

The CSS property to change the border of an element to YIQ 130.3430, -63.4570, 10.1670 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(76, 141, 218) }
```


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

```
.border{ border-color:rgb(76, 141, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 141, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 141, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 141, 218);  
box-shadow:4px 4px 4px 4px rgb(76, 141,  
218) }
```

Background

The CSS property to change the background color of an element to YIQ 130.3430, -63.4570, 10.1670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 141, 218) }
```

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

```
.background{ background-color: rgb(76, 141,  
218) }
```

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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