

Converting Colors

YIQ(132.3430, -63.4570,
10.1670)

Have a look what the booklet for
YIQ(132.3430, -63.4570, 10.1670)
contains.

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Color

**YIQ(132.3430, -63.4570,
10.1670)**

Conversions

Conversions Part 1

Format	Color
Hex	4E8FDC
RGB	78, 143, 220
RGB Percent	31%, 56%, 86%
CMY	0.6942, 0.4391, 0.1376
CMYK	0.65, 0.35, 0.00, 0.14
HSL	213°, 67%, 58%
HSV	213°, 65%, 86%
XYZ	25.8740, 26.4348, 71.3937
YIQ	132.3430, -63.4570, 10.1670

Conversions

Conversions Part 2

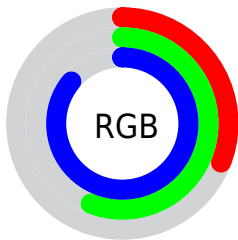
Format	Color
R_{YB}	78, 123, 220
Decimal	5148636
CIE _{Lab}	58.45, 3.16, -45.39
CIE _{LCh}	58, 45.504, 273.976
Yxy	26.4348, 0.2092, 0.2137
Android (android.graphics.Color)	4283338716 (0xFF4E8FDC)
YUV	132.3430, 43.2149, -47.6588
Hunter-Lab	51.4148, -0.1476, -46.3387

Details

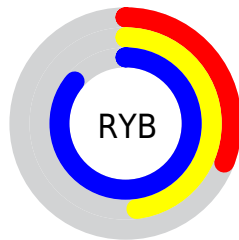
The YIQ color **132.3430, -63.4570, 10.1670** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **165.6570, 63.4570, -10.1670**, and the grayscale version is **132.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **185.6830, -52.9110, 6.2650**, and **73.2870, -78.2190, 2.3650** is the 20% darker color. If you saturate the color by 10%, you get **118.7210, -73.2690, 11.7790**, and if you desaturate by 10%, it is **145.9650, -53.6450, 8.5550**.

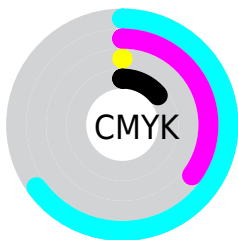
Distribution



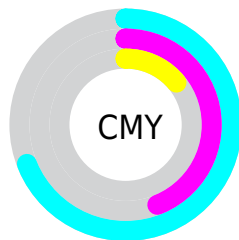
- Red (31%)
- Green (56%)
- Blue (86%)



- Red (31%)
- Yellow (48%)
- Blue (86%)



- Cyan (65%)
- Magenta (35%)
- Yellow (0%)
- Black (14%)



- Cyan (69%)
- Magenta (44%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 132.3430, -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 132.3430, -63.4570, 10.1670 by changing the saturation by 10% instead.

■ 132.3430,
-63.4570, 10.1670

■ 132.3430,
-63.4570, 10.1670

■ 255.0000, -0.0000,
-0.0000

■ 103.4130,
-69.6460, 6.6900

■ 185.6830,
-52.9110, 6.2650

■ 73.2870, -78.2190,
2.3650

■ 211.0890,
-42.7310, -2.0190

■ 56.8220, -63.5480,
6.3080

■ 237.0820,
-32.8260, -10.8260

■ 40.9440, -49.1520,
9.7280

■ 247.2260,
-15.4960, -5.5120

■ 26.3540, -35.6270,
12.4130

■ 10.7040, -21.8730,
16.4550

■ 6.3210, -13.6650,

10.8710

■ 2.6390, -6.0530,
5.0750

■ 0.0000, 0.0000,
0.0000

■ 132.3430,
-63.4570, 10.1670

■ 132.3430,
-63.4570, 10.1670

■ 118.7210,
-73.2690, 11.7790

■ 145.9650,
-53.6450, 8.5550

■ 105.0990,
-83.0810, 13.3910

■ 159.5870,
-43.8330, 6.9430

■ 91.4770, -92.8930,
15.0030

■ 173.2090,
-34.0210, 5.3310

■ 84.3670, -98.3950,
15.5970

■ 186.8310,
-24.2090, 3.7190

■ 200.4530,
-14.3970, 2.1070

■ 214.0750, -4.5850,
0.4950

■ 227.1100, 5.5020,
-0.5940

■ 240.7320, 15.3140,
-2.2060

■ 248.0750, 12.6100,
-8.2700

Harmonies

Analogous

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



114.5660, -110.4020, -14.6100



132.3430, -63.4570, 10.1670



143.5840, -12.2470, 29.2330

Triad

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



132.3430, -63.4570, 10.1670



140.3040, 64.0940, 16.8460



123.1400, -39.8820, -37.1460

Complementary

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



132.3430, -63.4570, 10.1670



165.6570, 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.



131.8280, 5.0950, -31.7770



132.3430, -63.4570, 10.1670



139.2360, 57.6330, -3.7350

Square

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



132.3430, -63.4570, 10.1670



141.8260, 54.4170, 32.5370



136.3330, 37.6460, -21.4740



111.0370, -90.8200, -39.1080

Rectangle

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



132.3430, -63.4570, 10.1670



145.1160, 15.6740, 35.3380



136.3330, 37.6460, -21.4740



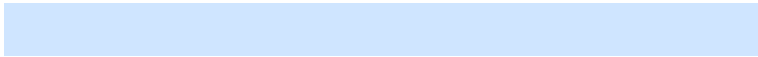
126.8770, -22.9640, -35.3800

Sweetspot

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



132.3430, -63.4570, 10.1670



225.3860, -21.4580, 3.4220



170.0180, -63.4460, -50.6300



109.6380, -13.4800, 2.0080



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.



132.3430, -63.4570, 10.1670



134.1740, -87.6660, 13.8860



95.6830, -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.



127.8680, 63.7670, 50.3190



127.8640, 87.9260, 69.5420



202.3170, 42.6020, -45.2220



102.8590, 4.9510, 3.8870



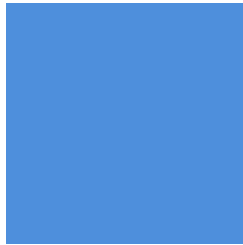
60.7330, 77.7490, 61.2450



16.1480, 20.6750, 16.2830

Previews

White Background



This preview shows how the YIQ color 132.3430, -63.4570, 10.1670 looks on a white background.

Color Contrast Check

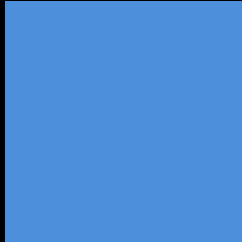
Large Text (above 18pt) WCAG AA ✓ Pass

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 132.3430, -63.4570, 10.1670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

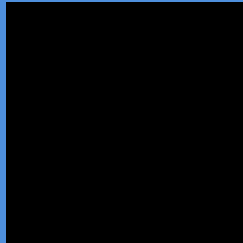
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 132.3430, -63.4570, 10.1670

Background



This preview shows how black text looks on a background with the YIQ color 132.3430, -63.4570, 10.1670.



This preview shows how white text looks on a background with the YIQ color 132.3430, -63.4570,

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

132.3430, -63.4570, 10.1670

Protanopia

138.4170, -39.9380, 18.9580

Deuteranopia

135.7790, -52.8210, 15.6510



Tritanopia

123.6740, -67.0280, -18.7400

Trichromacy



Original Color

132.3430, -63.4570, 10.1670

Protanomaly

136.2310, -48.2820, 15.9900

Deuteranomaly

134.5720, -56.6720, 13.8560

Tritanomaly

126.8950, -65.7920, -8.0960

Monochromacy



Original Color

132.3430, -63.4570, 10.1670

Achromatopsia

132.0000, -0.0000, -0.0000

Achromatomaly

132.0160, -23.2920, 3.6200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 132.3430, -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(78, 143, 220)` looks like.

```
.text, #text, p{  
    color:rgb(78, 143, 220)  
}
```

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(78, 143, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 143, 220) }
```

Border

The CSS property to change the border of an element to YIQ 132.3430, -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(78, 143, 220) }
```


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

```
.border{ border-color:rgb(78, 143, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 143, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 143, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 143, 220);  
box-shadow:4px 4px 4px 4px rgb(78, 143,  
220) }
```

Background

The CSS property to change the background color of an element to YIQ 132.3430, -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(78, 143, 220) }
```

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

```
.background{ background-color: rgb(78, 143,  
220) }
```

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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