

Converting Colors

YIQ(113.9660, -63.4130,
20.3870)

Have a look what the booklet for
YIQ(113.9660, -63.4130, 20.3870)
contains.

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Color

**YIQ(113.9660, -63.4130,
20.3870)**

Conversions

Conversions Part 1

Format	Color
Hex	4276DB
RGB	66, 118, 219
RGB Percent	26%, 46%, 86%
CMY	0.7412, 0.5372, 0.1415
CMYK	0.70, 0.46, 0.00, 0.14
HSL	220°, 68%, 56%
HSV	220°, 70%, 86%
XYZ	21.5019, 19.2298, 69.5382
YIQ	113.9660, -63.4130, 20.3870

Conversions

Conversions Part 2

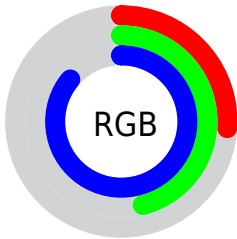
Format	Color
R _Y B	66, 105, 219
Decimal	4355803
CIE Lab	50.96, 16.06, -56.79
CIE LCh	51, 59.021, 285.791
Yxy	19.2298, 0.1950, 0.1744
Android (android.graphics.Color)	4282545883 (0xFF4276DB)
YUV	113.9660, 51.7818, -42.0662
Hunter-Lab	43.8518, 10.7832, -63.3231

Details

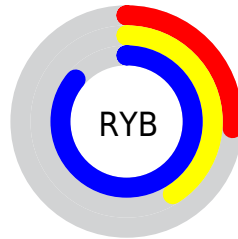
The YIQ color **113.9660, -63.4130, 20.3870** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **171.0340, 63.4130, -20.3870**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.7300, -51.1250, 17.9550**, and **60.2590, -71.8480, 13.5600** is the 20% darker color. If you saturate the color by 10%, you get **99.1700, -72.6750, 23.0450**, and if you desaturate by 10%, it is **128.7620, -54.1510, 17.7290**.

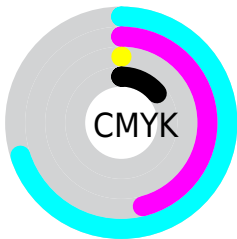
Distribution



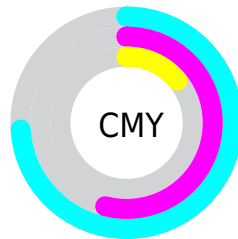
- Red (26%)
- Green (46%)
- Blue (86%)



- Red (26%)
- Yellow (41%)
- Blue (86%)



- Cyan (70%)
- Magenta (46%)
- Yellow (0%)
- Black (14%)



- Cyan (74%)
- Magenta (54%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 113.9660, -63.4130, 20.3870 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 113.9660, -63.4130, 20.3870 by changing the saturation by 10% instead.

■ 113.9660,
-63.4130, 20.3870

■ 113.9660,
-63.4130, 20.3870

■ 255.0000, -0.0000,
-0.0000

■ 82.6330, -75.8370,
14.2670

■ 167.7300,
-51.1250, 17.9550

■ 60.2590, -71.8480,
13.5600

■ 192.8480,
-40.0740, 10.4060

■ 44.2670, -57.1310,
16.6690

■ 218.2540,
-29.8940, 2.1220

■ 30.1500, -43.5600,
18.5200

■ 243.6600,
-19.7140, -6.1620

■ 11.4510, -28.1100,
24.8660

■ 253.8040, -2.3840,
-0.8480

■ 10.4760, -21.2310,
15.8330

■ 6.0930, -13.0230,

10.2490

■ 2.2970, -5.0900,
4.1420

■ 0.0000, 0.0000,
0.0000

■ 113.9660,
-63.4130, 20.3870

■ 113.9660,
-63.4130, 20.3870

■ 99.1700, -72.6750,
23.0450

■ 128.7620,
-54.1510, 17.7290

■ 83.7870, -81.6620,
26.2260

■ 144.1450,
-45.1640, 14.5480

■ 68.9910, -90.9240,
28.8840

■ 158.9410,
-35.9020, 11.8900

■ 68.4040, -90.6490,
29.4070

■ 174.3240,
-26.9150, 8.7090

■ 188.8210,
-18.2490, 5.8390

■ 204.2040, -9.2620,
2.6580

■ 219.0000, 0.0000,
-0.0000

■ 234.3830, 8.9870,
-3.1810

■ 246.7870, 13.4810,
-7.5350

Harmonies

Analogous

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



103.6240, -107.1490, -1.9730



113.9660, -63.4130, 20.3870



124.5960, 5.8150, 43.3110

Triad

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



113.9660, -63.4130, 20.3870



116.8460, 76.8870, 10.7670



94.7710, -69.8200, -45.2440

Complementary

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



113.9660, -63.4130, 20.3870



171.0340, 63.4130, -20.3870

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.



104.0760, -16.6350, -45.4590



113.9660, -63.4130, 20.3870



114.2470, 67.1270, -21.6170

Square

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



113.9660, -63.4130, 20.3870



115.8240, 75.0940, 37.7660



110.7280, 37.1910, -40.7690



101.8730, -87.0620, -30.1180

Rectangle

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



113.9660, -63.4130, 20.3870



122.1670, 38.0000, 49.2320



110.7280, 37.1910, -40.7690



92.2460, -64.0880, -50.0080

Sweetspot

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



113.9660, -63.4130, 20.3870



218.3090, -22.5590, 6.8570



167.0970, -73.8540, -49.2300



105.5180, -13.0220, 4.7220



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.



113.9660, -63.4130, 20.3870



108.2470, -88.7690, 28.3750



90.3190, -35.4050, 52.4590



102.0150, -4.3560, 1.8520



54.3550, -71.7580, 22.9460



14.6360, -19.1660, 5.9380

Inverse Universe

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



117.6750, 74.4960, 48.6080



113.3080, 104.1110, 68.0710



194.6810, 35.4050, -52.4590



102.6310, 5.5930, 3.2650



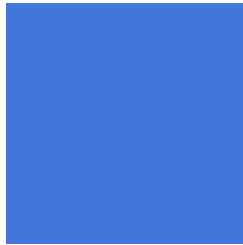
58.4530, 84.1690, 55.0250



15.5780, 22.2800, 14.7280

Previews

White Background



This preview shows how the YIQ color 113.9660, -63.4130, 20.3870 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 113.9660, -63.4130, 20.3870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

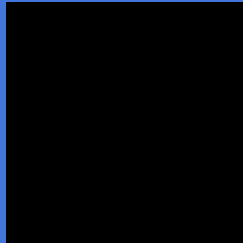
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 113.9660, -63.4130, 20.3870

Background



This preview shows how black text looks on a background with the YIQ color 113.9660, -63.4130, 20.3870.



This preview shows how white text looks on a background with the YIQ color 113.9660, -63.4130,

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

113.9660, -63.4130, 20.3870

Protanopia

114.7600, -59.8370, 21.6590

Deuteranopia

99.7440, -98.4390, 5.3770



Tritanopia

95.1880, -83.3950, -24.9870

Trichromacy



Original Color

113.9660, -63.4130, 20.3870

Protanomaly

114.1620, -61.0290, 21.2350

Deuteranomaly

104.8490, -85.3730, 10.8750

Tritanomaly

101.9200, -76.1080, -8.3640

Monochromacy



Original Color

113.9660, -63.4130, 20.3870

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.8360, -22.6050, 7.6910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.9660, -63.4130, 20.3870 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(66, 118, 219)` looks like.

```
.text, #text, p{  
    color:rgb(66, 118, 219)  
}
```

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(66, 118, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 118, 219) }
```

Border

The CSS property to change the border of an element to YIQ 113.9660, -63.4130, 20.3870 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(66, 118, 219) }
```


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

```
.border{ border-color:rgb(66, 118, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 118, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 118, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 118, 219);  
box-shadow:4px 4px 4px 4px rgb(66, 118,  
219) }
```

Background

The CSS property to change the background color of an element to YIQ 113.9660, -63.4130, 20.3870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 118, 219) }
```

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

```
.background{ background-color: rgb(66, 118,  
219) }
```

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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