

Converting Colors

YIQ(104.8830, -64.3770,
26.8470)

Have a look what the booklet for
YIQ(104.8830, -64.3770, 26.8470)
contains.

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Color

**YIQ(104.8830, -64.3770,
26.8470)**

Conversions

Conversions Part 1

Format	Color
Hex	3C69DE
RGB	60, 105, 222
RGB Percent	24%, 41%, 87%
CMY	0.7647, 0.5882, 0.1298
CMYK	0.73, 0.53, 0.00, 0.13
HSL	223°, 71%, 55%
HSV	223°, 73%, 87%
XYZ	20.0895, 16.3367, 71.1397
YIQ	104.8830, -64.3770, 26.8470

Conversions

Conversions Part 2

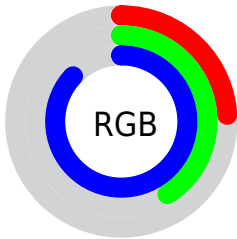
Format	Color
R _Y B	60, 95, 222
Decimal	3959262
CIE Lab	47.41, 24.51, -64.21
CIE LCh	47, 68.730, 290.888
Yxy	16.3367, 0.1868, 0.1519
Android (android.graphics.Color)	4282149342 (0xFF3C69DE)
YUV	104.8830, 57.7387, -39.3624
Hunter-Lab	40.4186, 17.9882, -76.0616

Details

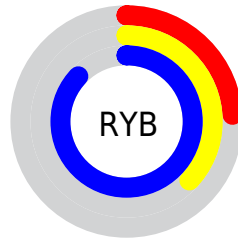
The YIQ color **104.8830, -64.3770, 26.8470** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **177.1170, 64.3770, -26.8470**, and the grayscale version is **104.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **158.6150, -49.0630, 24.6410**, and **53.5570, -69.5110, 20.7690** is the 20% darker color. If you saturate the color by 10%, you get **88.9130, -73.0890, 30.5510**, and if you desaturate by 10%, it is **120.8530, -55.6650, 23.1430**.

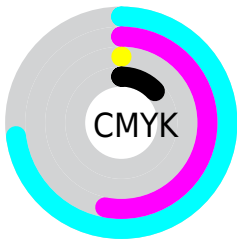
Distribution



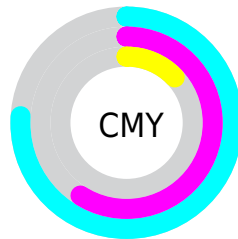
- Red (24%)
- Green (41%)
- Blue (87%)



- Red (24%)
- Yellow (37%)
- Blue (87%)



- Cyan (73%)
- Magenta (53%)
- Yellow (0%)
- Black (13%)



- Cyan (76%)
- Magenta (59%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 104.8830, -64.3770, 26.8470 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 104.8830, -64.3770, 26.8470 by changing the saturation by 10% instead.

■ 104.8830,
-64.3770, 26.8470

■ 104.8830,
-64.3770, 26.8470

■ 255.0000, -0.0000,
-0.0000

■ 69.6630, -84.5490,
17.9710

■ 158.6150,
-49.0630, 24.6410

■ 53.5570, -69.5110,
20.7690

■ 183.1460,
-37.7370, 17.6150

■ 38.1520, -55.0690,
23.3550

■ 208.5520,
-27.5570, 9.3310

■ 25.2090, -42.0480,
24.1600

■ 234.2570,
-16.7810, 1.2590

■ 11.0920, -28.4770,
26.0110

■ 253.5050, -2.9800,
-1.0600

■ 10.7040, -21.8730,
16.4550

■ 6.3210, -13.6650,

10.8710

■ 2.6390, -6.0530,
5.0750

■ 0.0000, 0.0000,
0.0000

■ 104.8830,
-64.3770, 26.8470

■ 104.8830,
-64.3770, 26.8470

■ 88.9130, -73.0890,
30.5510

■ 120.8530,
-55.6650, 23.1430

■ 72.9430, -81.8010,
34.2550

■ 136.8230,
-46.9530, 19.4390

■ 61.7020, -88.3120,
36.6160

■ 153.0920,
-37.6450, 15.9470

■ 169.0620,
-28.9330, 12.2430

■ 185.0320,
-20.2210, 8.5390

■ 201.0020,
-11.5090, 4.8350

■ 216.9720, -2.7970,
1.1310

■ 233.2410, 6.5110,
-2.3610

■ 247.7160, 12.2430,
-7.1250

Harmonies

Analogous

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



99.3670, -107.5630, 5.5330



104.8830, -64.3770, 26.8470



113.9660, 16.8170, 53.1770

Triad

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



104.8830, -64.3770, 26.8470



104.2460, 87.2040, 5.5080



90.3200, -66.9320, -42.5160

Complementary

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



104.8830, -64.3770, 26.8470



177.1170, 64.3770, -26.8470

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.



80.7900, -45.6090, -60.0170



104.8830, -64.3770, 26.8470



106.1970, 61.3960, -22.3800

Square

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



104.8830, -64.3770, 26.8470



98.3530, 89.9020, 44.7340



100.9160, 24.8580, -43.0300



98.3340, -86.7420, -24.9020

Rectangle

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



104.8830, -64.3770, 26.8470



106.1570, 53.1280, 61.4160



100.9160, 24.8580, -43.0300



87.4530, -60.2370, -48.2130

Sweetspot

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



104.8830, -64.3770, 26.8470



214.1890, -22.1010, 9.5710



168.3180, -81.7860, -48.6500



103.7460, -13.6640, 5.3440



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.



104.8830, -64.3770, 26.8470



92.9300, -88.9540, 37.2380



88.9330, -31.1420, 57.8020



104.0150, -4.3560, 1.8520



48.8270, -69.9710, 29.1090



13.1030, -18.9830, 8.1290

Inverse Universe

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



113.5680, 82.1070, 48.3390



105.0440, 113.6020, 66.7700



193.0670, 31.1420, -57.8020



104.6310, 5.5930, 3.2650



58.2100, 89.1670, 52.5510



15.8340, 24.4350, 14.2190

Previews

White Background



This preview shows how the YIQ color 104.8830, -64.3770, 26.8470 looks on a white background.

Color Contrast Check

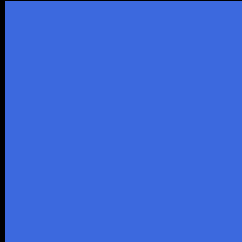
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 104.8830, -64.3770, 26.8470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

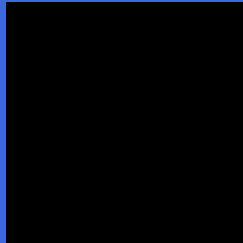
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 104.8830, -64.3770, 26.8470

Background



This preview shows how black text looks on a background with the YIQ color 104.8830, -64.3770, 26.8470.



This preview shows how white text looks on a background with the YIQ color 104.8830, -64.3770,

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

104.8830, -64.3770, 26.8470

Protanopia

97.7170, -84.6410, 19.6390

Deuteranopia

89.6040, -95.2290, 2.2670

Trichromacy



Original Color

104.8830, -64.3770, 26.8470

Protanomaly

100.3050, -77.4890, 22.1830

Deuteranomaly

95.3330, -83.8600, 10.9880

Monochromacy



Original Color

104.8830, -64.3770, 26.8470

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

105.1180, -23.3390, 9.9810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 104.8830, -64.3770, 26.8470 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(60, 105, 222)` looks like.

```
.text, #text, p{  
    color:rgb(60, 105, 222)  
}
```

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(60, 105, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 105, 222) }
```

Border

The CSS property to change the border of an element to YIQ 104.8830, -64.3770, 26.8470 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(60, 105, 222) }
```

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

```
.border{ border-color:rgb(60, 105, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 105, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 105, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 105, 222);  
box-shadow:4px 4px 4px 4px rgb(60, 105,  
222) }
```


Background

The CSS property to change the background color of an element to YIQ 104.8830, -64.3770, 26.8470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 105, 222) }
```

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

```
.background{ background-color: rgb(60, 105,  
222) }
```

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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