

Converting Colors

YIQ(128.4240, -32.6480,
19.0000)

Have a look what the booklet for
YIQ(128.4240, -32.6480, 19.0000)
contains.

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Color

**YIQ(128.4240, -32.6480,
19.0000)**

Conversions

Conversions Part 1

Format	Color
Hex	6D7DC5
RGB	109, 125, 197
RGB Percent	43%, 49%, 77%
CMY	0.5725, 0.5098, 0.2276
CMYK	0.45, 0.37, 0.00, 0.23
HSL	229°, 43%, 60%
HSV	229°, 45%, 77%
XYZ	23.7140, 21.9494, 55.7817
YIQ	128.4240, -32.6480, 19.0000

Conversions

Conversions Part 2

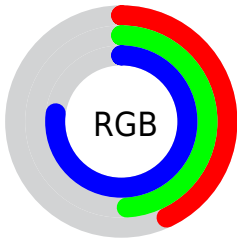
Format	Color
R _Y B	109, 123, 197
Decimal	7175621
CIE Lab	53.97, 13.16, -39.39
CIE LCh	54, 41.529, 288.475
Yxy	21.9494, 0.2338, 0.2164
Android (android.graphics.Color)	4285365701 (0xFF6D7DC5)
YUV	128.4240, 33.8080, -17.0348
Hunter-Lab	46.8501, 8.3631, -37.7980

Details

The YIQ color **128.4240, -32.6480, 19.0000** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **177.5760, 32.6480, -19.0000**, and the grayscale version is **128.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **181.8910, -32.4650, 21.1910**, and **77.0600, -34.6190, 16.1730** is the 20% darker color. If you saturate the color by 10%, you get **113.0520, -40.1680, 23.1280**, and if you desaturate by 10%, it is **143.7960, -25.1280, 14.8720**.

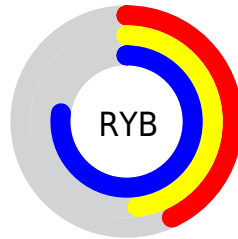
Distribution



Red (43%)

Green (49%)

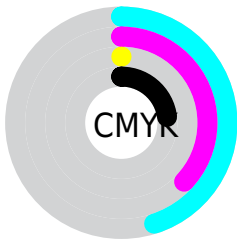
Blue (77%)



Red (43%)

Yellow (48%)

Blue (77%)

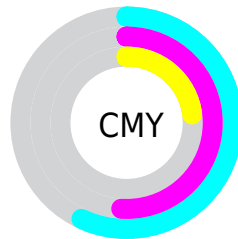


Cyan (45%)

Magenta (37%)

Yellow (0%)

Black (23%)



Cyan (57%)

Magenta (51%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 128.4240, -32.6480, 19.0000 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 128.4240, -32.6480, 19.0000 by changing the saturation by 10% instead.

■ 128.4240,
-32.6480, 19.0000

■ 128.4240,
-32.6480, 19.0000

■ 255.0000, -0.0000,
-0.0000

■ 102.4840,
-32.8770, 17.6430

■ 181.8910,
-32.4650, 21.1910

■ 77.0600, -34.6190,
16.1730

■ 206.8130,
-23.7980, 12.7940

■ 51.6140, -39.2950,
12.8090

■ 231.9200,
-14.2140, 4.2980

■ 29.8590, -38.6070,
11.3530

■ 253.8040, -2.3840,
-0.8480

■ 14.2090, -24.8530,
15.3950

■ 6.8910, -15.2700,
12.4260

■ 3.2090, -7.6580,

6.6300

■ 0.0000, 0.0000,
0.0000

■ 128.4240,
-32.6480, 19.0000

■ 128.4240,
-32.6480, 19.0000

■ 113.0520,
-40.1680, 23.1280

■ 143.7960,
-25.1280, 14.8720

■ 97.9790, -47.0920,
27.4680

■ 158.8690,
-18.2040, 10.5320

■ 82.6070, -54.6120,
31.5960

■ 174.2410,
-10.6840, 6.4040

■ 67.2350, -62.1320,
35.7240

■ 189.6130, -3.1640,
2.2760

■ 51.5750, -68.7810,
40.5870

■ 205.2730, 3.4850,
-2.5870

■ 43.5900, -73.1370,
42.4390

■ 220.6450, 11.0050,
-6.7150

■ 236.0170, 18.5250,
-10.8430

■ 247.8010, 18.8930,
-17.5150

■ 248.3880, 18.6180,
-18.0380

Harmonies

Analogous

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



103.1050, -101.5540, -9.7620



128.4240, -32.6480, 19.0000



133.1750, 8.0180, 30.9140

Triad

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



128.4240, -32.6480, 19.0000



128.3750, 56.1640, 6.3720



102.5850, -68.9960, -38.1480

Complementary

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



128.4240, -32.6480, 19.0000



177.5760, 32.6480, -19.0000

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.



118.4870, -12.8780, -30.9420



128.4240, -32.6480, 19.0000



126.5500, 44.7050, -11.7350

Square

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



128.4240, -32.6480, 19.0000



129.9150, 55.2440, 23.0520



123.5420, 20.8200, -24.9080



103.5030, -88.8960, -29.9200

Rectangle

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



128.4240, -32.6480, 19.0000



132.3640, 29.4750, 33.0190



123.5420, 20.8200, -24.9080



111.2800, -43.0920, -34.0360

Sweetspot

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



128.4240, -32.6480, 19.0000



229.2840, -12.2430, 7.1250



168.8640, -47.3120, -23.6320



111.7420, -7.8410, 4.4390



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.



128.4240, -32.6480, 19.0000



147.4070, -51.1730, 29.8430



127.4040, -11.5600, 33.3040



91.6130, -3.1640, 2.2760



36.1920, -60.5730, 35.0030



7.6260, -13.2060, 8.0580

Inverse Universe

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



137.1360, 47.3120, 23.6320



161.1120, 74.2230, 37.0310



178.5960, 11.5600, -33.3040



92.8050, 5.0430, 2.2190



52.1570, 87.5180, 43.8860



11.4480, 19.5300, 9.4980

Previews

White Background



This preview shows how the YIQ color 128.4240, -32.6480, 19.0000 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 128.4240, -32.6480, 19.0000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

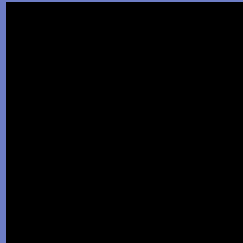
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 128.4240, -32.6480, 19.0000

Background



This preview shows how black text looks on a background with the YIQ color 128.4240, -32.6480, 19.0000.



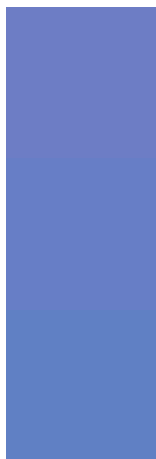
This preview shows how white text looks on a background with the YIQ color 128.4240, -32.6480,

19.0000.

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

128.4240, -32.6480, 19.0000

Protanopia

127.3310, -36.8200, 17.5160

Deuteranopia

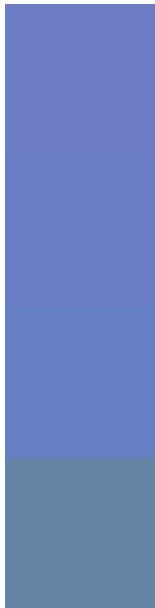
126.1840, -40.9000, 14.3640



Tritanopia

124.2940, -27.3710, -5.0590

Trichromacy



Original Color

128.4240, -32.6480, 19.0000

Protanomaly

127.9290, -35.6280, 17.9400

Deuteranomaly

127.0920, -37.6450, 15.9470

Tritanomaly

125.6070, -29.3900, 4.0020

Monochromacy



Original Color

128.4240, -32.6480, 19.0000

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

128.1700, -11.9220, 6.8140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 128.4240, -32.6480, 19.0000 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(109, 125, 197)` looks like.

```
.text, #text, p{  
    color:rgb(109, 125, 197)  
}
```

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(109, 125, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 125, 197) }
```

Border

The CSS property to change the border of an element to YIQ 128.4240, -32.6480, 19.0000 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(109, 125, 197) }
```


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

```
.border{ border-color:rgb(109, 125, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 125, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 125, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 125, 197);  
box-shadow:4px 4px 4px 4px rgb(109, 125,  
197) }
```

Background

The CSS property to change the background color of an element to YIQ 128.4240, -32.6480, 19.0000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 125, 197) }
```

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

```
.background{ background-color: rgb(109,  
125, 197) }
```

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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