

Converting Colors

YIQ(190.9030, -6.3760, 16.4400)

Have a look what the booklet for
YIQ(190.9030, -6.3760, 16.4400)
contains.

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Color

**YIQ(190.9030, -6.3760,
16.4400)**

Conversions

Conversions Part 1

Format	Color
Hex	C3B6E2
RGB	195, 182, 226
RGB Percent	76%, 71%, 89%
CMY	0.2352, 0.2863, 0.1138
CMYK	0.14, 0.19, 0.00, 0.11
HSL	258°, 43%, 80%
HSV	258°, 19%, 89%
XYZ	52.9618, 50.5479, 78.9060
YIQ	190.9030, -6.3760, 16.4400

Conversions

Conversions Part 2

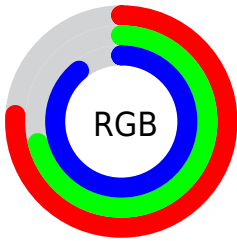
Format	Color
R _{YB}	195, 182, 226
Decimal	12826338
CIE Lab	76.40, 13.15, -20.33
CIE LCh	76, 24.209, 302.900
Yxy	50.5479, 0.2903, 0.2771
Android (android.graphics.Color)	4291016418 (0xFFC3B6E2)
YUV	190.9030, 17.3028, 3.5931
Hunter-Lab	71.0971, 8.5486, -16.0341

Details

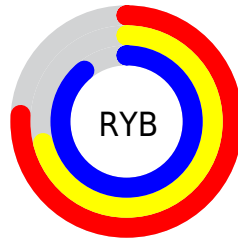
The YIQ color $190.9030, -6.3760, 16.4400$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $217.0970, 6.3760, -16.4400$, and the grayscale version is $191.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $244.1240, 2.8870, 8.2550$, and $137.3760, -6.3300, 15.6060$ is the 20% darker color. If you saturate the color by 10%, you get $172.6180, -9.5870, 25.0770$, and if you desaturate by 10%, it is $209.1880, -3.1650, 7.8030$.

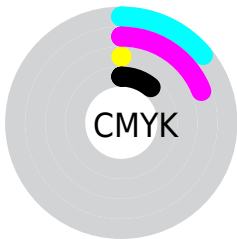
Distribution



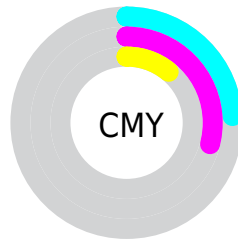
- Red (76%)
- Green (71%)
- Blue (89%)



- Red (76%)
- Yellow (71%)
- Blue (89%)



- Cyan (14%)
- Magenta (19%)
- Yellow (0%)
- Black (11%)



- Cyan (24%)
- Magenta (29%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 190.9030, -6.3760, 16.4400 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 190.9030, -6.3760, 16.4400 by changing the saturation by 10% instead.

■ 190.9030, -6.3760,
16.4400

■ 190.9030, -6.3760,
16.4400

■ 255.0000, -0.0000,
-0.0000

■ 163.7890, -6.0550,
16.1290

■ 244.1240, 2.8870,
8.2550

■ 137.3760, -6.3300,
15.6060

■ 111.8490, -6.2840,
14.7720

■ 87.3220, -6.2380,
13.9380

■ 63.7950, -6.1920,
13.1040

■ 41.3820, -6.4670,
12.5810

■ 20.4420, -6.6960,

11.2240

■ 3.5510, -8.6210,
7.5630

■ 0.0000, 0.0000,
0.0000

■ 190.9030, -6.3760,
16.4400

■ 190.9030, -6.3760,
16.4400

■ 172.6180, -9.5870,
25.0770

■ 209.1880, -3.1650,
7.8030

■ 154.9200,
-13.0730, 33.1910

■ 226.8860, 0.3210,
-0.3110

■ 136.6350,
-16.2840, 41.8280

■ 245.1710, 3.5320,
-8.9480

■ 118.9370,
-19.7700, 49.9420

■ 251.6940, 9.3090,
-9.0190

■ 100.6520,
-22.9810, 58.5790

■ 82.6660, -25.5960,
67.4280

■ 64.9680, -29.0820,
75.5420

■ 46.6830, -32.2930,
84.1790

■ 45.7970, -32.6140,
84.4900

Harmonies

Analogous

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



187.4270, -28.7030, 8.0730



190.9030, -6.3760, 16.4400



192.0320, 15.3100, 19.9020

Triad

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



190.9030, -6.3760, 16.4400



189.3230, 35.5790, -0.5250



179.1150, -37.5930, -18.0490

Complementary

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



190.9030, -6.3760, 16.4400



217.0970, 6.3760, -16.4400

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.



181.5980, -17.1440, -19.7040



190.9030, -6.3760, 16.4400



187.4690, 23.0640, -10.5040

Square

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



190.9030, -6.3760, 16.4400



190.6150, 38.0530, 9.7090



184.6130, 4.8630, -16.5530



178.9430, -48.5520, -12.1680

Rectangle

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



190.9030, -6.3760, 16.4400



192.5510, 26.9100, 18.9260



184.6130, 4.8630, -16.5530



179.9970, -31.4490, -19.2650

Sweetspot

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



190.9030, -6.3760, 16.4400



242.9060, -2.4310, 5.5130



205.8000, -22.9240, -3.0520



120.6240, -1.6970, 3.2230



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.



190.9030, -6.3760, 16.4400



208.1080, -8.2110, 22.1650



197.1820, 6.1400, 20.8920



103.1510, -1.7430, 4.0570



35.6120, -25.5040, 65.7600



9.6580, -7.0640, 17.8960

Inverse Universe

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



198.6900, 16.2730, 18.9690



218.4290, 21.6820, 25.5700



210.8180, -6.1400, -20.8920



105.2010, 3.9880, 4.8200



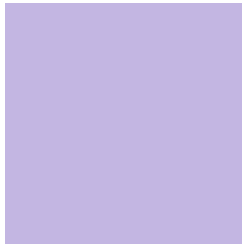
66.7600, 65.0920, 75.8760



18.2280, 17.6940, 20.7500

Previews

White Background



This preview shows how the YIQ color 190.9030, -6.3760, 16.4400 looks on a white background.

Color Contrast Check

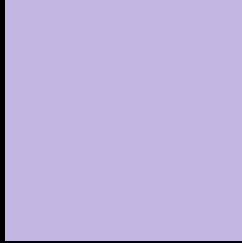
Large Text (above 18pt) WCAG AA × Fail

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 190.9030, -6.3760, 16.4400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

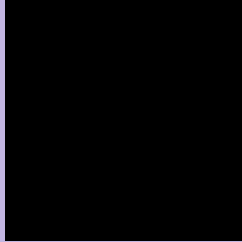
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 190.9030, -6.3760, 16.4400

Background



This preview shows how black text looks on a background with the YIQ color 190.9030, -6.3760, 16.4400.



This preview shows how white text looks on a background with the YIQ color 190.9030, -6.3760,

16.4400.

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

190.9030, -6.3760, 16.4400

Protanopia

189.3960, -18.2500, 11.3660

Deuteranopia

190.2830, -10.5020, 14.1220



Tritanopia

189.2050, -1.8350, 5.7250

Trichromacy



Original Color

190.9030, -6.3760, 16.4400

Protanomaly

189.9020, -13.8030, 13.3730

Deuteranomaly

190.2940, -9.0350, 15.0690

Tritanomaly

189.9430, -3.8530, 9.2590

Monochromacy



Original Color

190.9030, -6.3760, 16.4400

Achromatopsia

191.0000, -0.0000, -0.0000

Achromatomaly

191.0200, -2.7520, 5.8240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 190.9030, -6.3760, 16.4400 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(195, 182, 226)` looks like.

```
.text, #text, p{  
    color:rgb(195, 182, 226)  
}
```

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(195, 182, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 182, 226) }
```

Border

The CSS property to change the border of an element to YIQ 190.9030, -6.3760, 16.4400 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(195, 182, 226) }
```


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

```
.border{ border-color:rgb(195, 182, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 182, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 182, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 182, 226);  
box-shadow:4px 4px 4px 4px rgb(195, 182,  
226) }
```

Background

The CSS property to change the background color of an element to YIQ 190.9030, -6.3760, 16.4400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 182, 226) }
```

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

```
.background{ background-color: rgb(195,  
182, 226) }
```

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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