

Converting Colors

YIQ(166.3190, -28.5190, 4.7370)

Have a look what the booklet for
YIQ(166.3190, -28.5190, 4.7370)
contains.

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Color

**YIQ(166.3190, -28.5190,
4.7370)**

Conversions

Conversions Part 1

Format	Color
Hex	8EABCE
RGB	142, 171, 206
RGB Percent	56%, 67%, 81%
CMY	0.4432, 0.3294, 0.1923
CMYK	0.31, 0.17, 0.00, 0.19
HSL	213°, 39%, 68%
HSV	213°, 31%, 81%
XYZ	36.8547, 39.3347, 64.0196
YIQ	166.3190, -28.5190, 4.7370

Conversions

Conversions Part 2

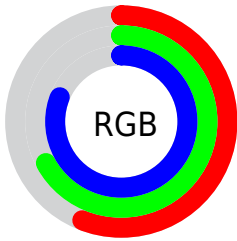
Format	Color
RYB	142, 162, 206
Decimal	9350094
CIELab	68.99, -1.75, -21.01
CIElCh	69, 21.084, 265.252
Yxy	39.3347, 0.2629, 0.2805
Android (android.graphics.Color)	4287540174 (0xFF8EABCE)
YUV	166.3190, 19.5627, -21.3278
Hunter-Lab	62.7174, -4.8631, -16.6190

Details

The YIQ color **166.3190, -28.5190, 4.7370** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **181.6810, 28.5190, -4.7370**, and the grayscale version is **166.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **220.6350, -26.5930, 2.8710**, and **114.0910, -27.8770, 4.1150** is the 20% darker color. If you saturate the color by 10%, you get **153.5830, -38.0100, 6.0380**, and if you desaturate by 10%, it is **179.0550, -19.0280, 3.4360**.

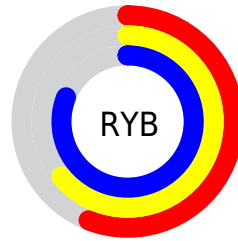
Distribution



Red (56%)

Green (67%)

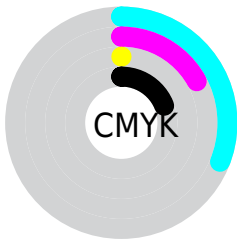
Blue (81%)



Red (56%)

Yellow (64%)

Blue (81%)

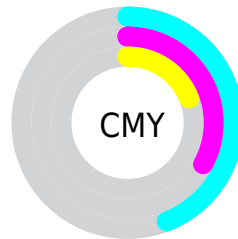


Cyan (31%)

Magenta (17%)

Yellow (0%)

Black (19%)



Cyan (44%)

Magenta (33%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 166.3190, -28.5190, 4.7370 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 166.3190, -28.5190, 4.7370 by changing the saturation by 10% instead.

■ 166.3190,
-28.5190, 4.7370

■ 166.3190,
-28.5190, 4.7370

■ 255.0000, -0.0000,
-0.0000

■ 139.7920,
-28.4730, 3.9030

■ 220.6350,
-26.5930, 2.8710

■ 114.0910,
-27.8770, 4.1150

■ 246.0300,
-17.8800, -6.3600

■ 88.6780, -28.1520,
3.5920

■ 254.7010, -0.5960,
-0.2120

■ 64.8520, -28.7020,
2.5460

■ 39.8300, -31.6360,
0.6520

■ 22.5920, -25.0340,
2.1500

■ 4.8220, -10.8220,

8.9060

■ 0.5700, -1.6050,
1.5550

■ 0.0000, 0.0000,
0.0000

■ 166.3190,
-28.5190, 4.7370

■ 166.3190,
-28.5190, 4.7370

■ 153.5830,
-38.0100, 6.0380

■ 179.0550,
-19.0280, 3.4360

■ 141.1460,
-46.9050, 7.5510

■ 192.0790,
-10.4080, 1.4000

■ 127.8230,
-56.1210, 9.3750

■ 204.8150, -0.9170,
0.0990

■ 115.3860,
-65.0160, 10.8880

■ 217.2520, 7.9780,
-1.4140

■ 102.6500,
-74.5070, 12.1890

■ 229.9880, 17.4690,
-2.7150

■ 89.9140, -83.9980,
13.4900

■ 240.0220, 20.1290,
-6.8710

■ 78.0750, -91.7010,
15.4270

■ 246.4790, 17.1040,
-12.6240

■ 249.4140, 15.7290,
-15.2390

Harmonies

Analogous

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



162.4760, -39.5670, -4.2950



166.3190, -28.5190, 4.7370



170.2290, -10.4100, 12.4540

Triad

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



166.3190, -28.5190, 4.7370



171.2060, 31.9550, 10.0910



163.5990, -9.7170, -16.6370

Complementary

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



166.3190, -28.5190, 4.7370



181.6810, 28.5190, -4.7370

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.



165.8740, 8.6220, -13.0900



166.3190, -28.5190, 4.7370



169.7510, 31.4980, 1.8500

Square

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



166.3190, -28.5190, 4.7370



171.5890, 23.7470, 15.6750



167.9900, 23.1550, -6.6450



161.2580, -27.6900, -15.8020

Rectangle

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



166.3190, -28.5190, 4.7370



170.8670, 2.4730, 15.7610



167.9900, 23.1550, -6.6450



163.9480, -3.3900, -15.6620

Sweetspot

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



166.3190, -28.5190, 4.7370



240.4920, -10.1330, 1.9230



183.4440, -28.5140, -22.8980



118.8190, -6.7400, 1.0040



0.0000, 0.0000, 0.0000



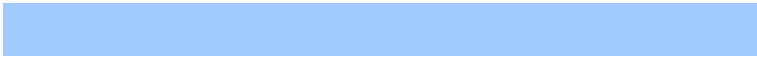
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



166.3190, -28.5190, 4.7370



196.3700, -41.7240, 7.2680



149.8940, -19.3520, 20.3280



95.4880, -4.3100, 1.0180



62.9490, -73.9110, 12.4010



14.3110, -16.8730, 2.9270

Inverse Universe

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



164.4420, 28.8350, 22.5870



193.8940, 42.5420, 32.9900



198.1060, 19.3520, -20.3280



95.4460, 4.6760, 3.3640



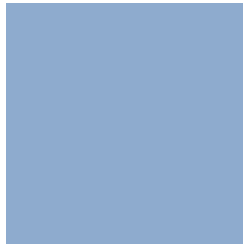
58.1840, 74.8610, 58.5170



13.3000, 17.1910, 13.3430

Previews

White Background



This preview shows how the YIQ color 166.3190, -28.5190, 4.7370 looks on a white background.

Color Contrast Check

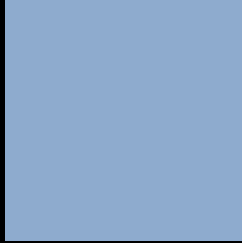
Large Text (above 18pt) WCAG AA × Fail

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 166.3190, -28.5190, 4.7370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

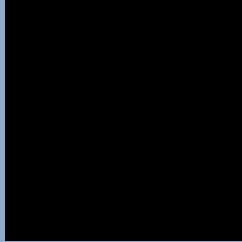
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

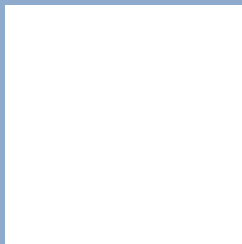
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 166.3190, -28.5190, 4.7370

Background



This preview shows how black text looks on a background with the YIQ color 166.3190, -28.5190, 4.7370.



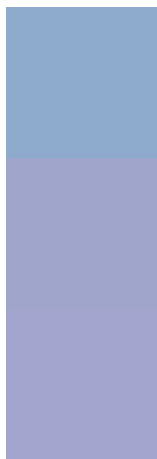
This preview shows how white text looks on a background with the YIQ color 166.3190, -28.5190,

4.7370.

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

166.3190, -28.5190, 4.7370

Protanopia

168.4240, -15.4530, 10.2350

Deuteranopia

169.4890, -14.0780, 12.8500



Tritanopia

164.8320, -25.9500, -3.2780

Trichromacy



Original Color

166.3190, -28.5190, 4.7370

Protanomaly

167.6190, -20.4960, 8.0160

Deuteranomaly

168.2710, -19.3960, 10.1080

Tritanomaly

165.3420, -27.3260, -0.3660

Monochromacy



Original Color

166.3190, -28.5190, 4.7370

Achromatopsia

166.0000, -0.0000, 0.0000

Achromatomaly

166.1930, -10.7290, 1.7110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 166.3190, -28.5190, 4.7370 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(142, 171, 206)` looks like.

```
.text, #text, p{  
    color:rgb(142, 171, 206)  
}
```

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(142, 171, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 171, 206) }
```

Border

The CSS property to change the border of an element to YIQ 166.3190, -28.5190, 4.7370 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(142, 171, 206) }
```


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

```
.border{ border-color:rgb(142, 171, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 171, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 171, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 171, 206);  
box-shadow:4px 4px 4px 4px rgb(142, 171,  
206) }
```

Background

The CSS property to change the background color of an element to YIQ 166.3190, -28.5190, 4.7370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 171, 206) }
```

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

```
.background{ background-color: rgb(142,  
171, 206) }
```

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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