

Converting Colors

YIQ(164.5580, -27.6940, 6.3060)

Have a look what the booklet for
YIQ(164.5580, -27.6940, 6.3060)
contains.

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Color

**YIQ(164.5580, -27.6940,
6.3060)**

Conversions

Conversions Part 1

Format	Color
Hex	8EA8CE
RGB	142, 168, 206
RGB Percent	56%, 66%, 81%
CMY	0.4432, 0.3411, 0.1923
CMYK	0.31, 0.18, 0.00, 0.19
HSL	216°, 39%, 68%
HSV	216°, 31%, 81%
XYZ	36.2946, 38.2138, 63.8330
YIQ	164.5580, -27.6940, 6.3060

Conversions

Conversions Part 2

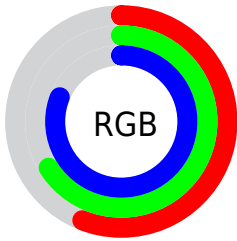
Format	Color
R _Y B	142, 160, 206
Decimal	9349326
CIE Lab	68.18, -0.09, -22.25
CIE LCh	68, 22.254, 269.773
Yxy	38.2138, 0.2624, 0.2762
Android (android.graphics.Color)	4287539406 (0xFF8EA8CE)
YUV	164.5580, 20.4309, -19.7834
Hunter-Lab	61.8173, -3.3781, -17.9512

Details

The YIQ color **164.5580, -27.6940, 6.3060** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **183.4420, 27.6940, -6.3060**, and the grayscale version is **164.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **218.8740, -25.7680, 4.4400**, and **112.3300, -27.0520, 5.6840** is the 20% darker color. If you saturate the color by 10%, you get **151.2350, -36.9100, 8.1300**, and if you desaturate by 10%, it is **177.8810, -18.4780, 4.4820**.

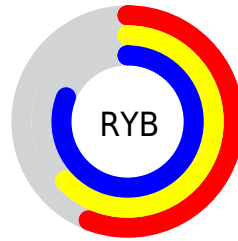
Distribution



Red (56%)

Green (66%)

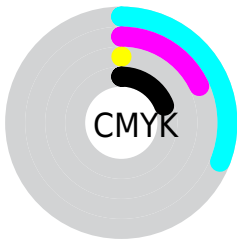
Blue (81%)



Red (56%)

Yellow (63%)

Blue (81%)

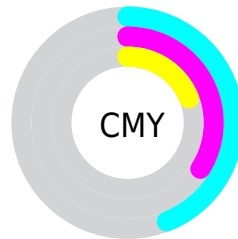


Cyan (31%)

Magenta (18%)

Yellow (0%)

Black (19%)



Cyan (44%)

Magenta (34%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 164.5580, -27.6940, 6.3060 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 164.5580, -27.6940, 6.3060 by changing the saturation by 10% instead.

■ 164.5580,
-27.6940, 6.3060

■ 164.5580,
-27.6940, 6.3060

■ 255.0000, -0.0000,
-0.0000

■ 138.3300,
-27.0520, 5.6840

■ 218.8740,
-25.7680, 4.4400

■ 112.3300,
-27.0520, 5.6840

■ 244.2690,
-17.0550, -4.7910

■ 87.5040, -27.6020,
4.6380

■ 254.7010, -0.5960,
-0.2120

■ 63.0910, -27.8770,
4.1150

■ 38.6560, -31.0860,
1.6980

■ 21.3040, -24.1630,
2.8850

■ 4.8220, -10.8220,

8.9060

■ 0.5700, -1.6050,
1.5550

■ 0.0000, 0.0000,
0.0000

■ 164.5580,
-27.6940, 6.3060

■ 164.5580,
-27.6940, 6.3060

■ 151.2350,
-36.9100, 8.1300

■ 177.8810,
-18.4780, 4.4820

■ 138.2110,
-45.5300, 10.1660

■ 190.9050, -9.8580,
2.4460

■ 124.3010,
-54.4710, 12.5130

■ 204.8150, -0.9170,
0.0990

■ 111.2770,
-63.0910, 14.5490

■ 217.8390, 7.7030,
-1.9370

■ 97.9540, -72.3070,
16.3730

■ 231.1620, 16.9190,
-3.7610

■ 84.6310, -81.5230,
18.1970

■ 241.1960, 19.5790,
-7.9170

■ 72.7920, -89.2260,
20.1340

■ 248.8270, 16.0040,
-14.7160

■ 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.



160.2200, -41.7220, -3.7860



164.5580, -27.6940, 6.3060



167.9520, -8.0720, 14.1360

Triad

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



164.5580, -27.6940, 6.3060



168.4620, 34.1100, 9.5820



160.8050, -13.2930, -17.9090

Complementary

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



164.5580, -27.6940, 6.3060



183.4420, 27.6940, -6.3060

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.



163.1510, 6.2840, -14.7720



164.5580, -27.6940, 6.3060



166.9960, 32.1860, 0.3940

Square

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



164.5580, -27.6940, 6.3060



169.5570, 26.7730, 15.9010



165.3380, 22.0550, -8.7370



158.2790, -32.1830, -16.9750

Rectangle

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



164.5580, -27.6940, 6.3060



169.3620, 5.4530, 16.8210



165.3380, 22.0550, -8.7370



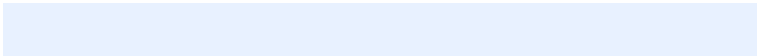
161.1540, -6.9660, -16.9340

Sweetspot

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



164.5580, -27.6940, 6.3060



239.9050, -9.8580, 2.4460



183.7860, -29.4770, -21.9650



118.2320, -6.4650, 1.5270



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.



164.5580, -27.6940, 6.3060



194.0220, -40.6240, 9.3600



150.7910, -17.5640, 20.9640



95.4880, -4.3100, 1.0180



58.2530, -71.7110, 16.5850



13.7240, -16.5980, 3.4500

Inverse Universe

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



164.1000, 29.7980, 21.6540



193.4380, 43.8260, 31.7460



197.2090, 17.5640, -20.9640



95.4460, 4.6760, 3.3640



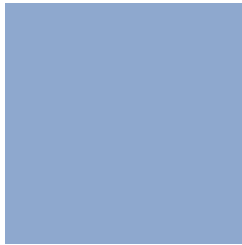
57.2720, 77.4290, 56.0290



13.1860, 17.5120, 13.0320

Previews

White Background



This preview shows how the YIQ color 164.5580, -27.6940, 6.3060 looks on a white background.

Color Contrast Check

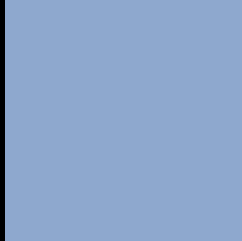
Large Text (above 18pt) WCAG AA × Fail

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 164.5580, -27.6940, 6.3060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

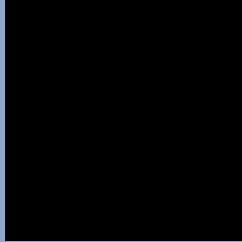
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 164.5580, -27.6940, 6.3060

Background



This preview shows how black text looks on a background with the YIQ color 164.5580, -27.6940, 6.3060.



This preview shows how white text looks on a background with the YIQ color 164.5580, -27.6940,

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

164.5580, -27.6940, 6.3060

Protanopia

166.3530, -16.6910, 10.6450

Deuteranopia

167.4180, -15.3160, 13.2600



Tritanopia

163.0170, -25.0330, -3.3770

Trichromacy



Original Color

164.5580, -27.6940, 6.3060

Protanomaly

165.5590, -20.2670, 9.3730

Deuteranomaly

166.4990, -20.0380, 10.7300

Tritanomaly

163.9400, -26.1340, 0.0580

Monochromacy



Original Color

164.5580, -27.6940, 6.3060

Achromatopsia

165.0000, -0.0000, -0.0000

Achromatomaly

164.9050, -9.8580, 2.4460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 164.5580, -27.6940, 6.3060 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, 168, 206)` looks like.

```
.text, #text, p{  
    color:rgb(142, 168, 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, 168, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 168, 206) }
```

Border

The CSS property to change the border of an element to YIQ 164.5580, -27.6940, 6.3060 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, 168, 206) }
```


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

```
.border{ border-color:rgb(142, 168, 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, 168, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 168, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 168, 206);  
box-shadow:4px 4px 4px 4px rgb(142, 168,  
206) }
```

Background

The CSS property to change the background color of an element to YIQ 164.5580, -27.6940, 6.3060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 168, 206) }
```

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

```
.background{ background-color: rgb(142,  
168, 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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