

Converting Colors

YIQ(152.2930, -25.6300, 1.9380)

Have a look what the booklet for
YIQ(152.2930, -25.6300, 1.9380)
contains.

YIQ(152.2930, -25.6300, 1.9380)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(152.2930, -25.6300,
1.9380)**

Conversions

Conversions Part 1

Format	Color
Hex	819EB8
RGB	129, 158, 184
RGB Percent	51%, 62%, 72%
CMY	0.4942, 0.3803, 0.2785
CMYK	0.30, 0.14, 0.00, 0.28
HSL	208°, 28%, 61%
HSV	208°, 30%, 72%
XYZ	29.9286, 32.5834, 50.0421
YIQ	152.2930, -25.6300, 1.9380

Conversions

Conversions Part 2

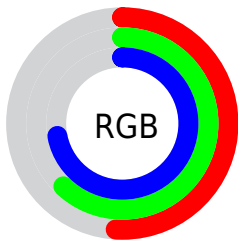
Format	Color
R _Y B	129, 148, 184
Decimal	8494776
CIE Lab	63.82, -3.90, -16.72
CIE LCh	64, 17.168, 256.874
Yxy	32.5834, 0.2659, 0.2895
Android (android.graphics.Color)	4286684856 (0xFF819EB8)
YUV	152.2930, 15.6316, -20.4280
Hunter-Lab	57.0818, -6.3037, -12.0207

Details

The YIQ color $152.2930, -25.6300, 1.9380$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $160.7070, 25.6300, -1.9380$, and the grayscale version is $152.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $207.1080, -26.5470, 2.0370$, and $101.0650, -24.9880, 1.3160$ is the 20% darker color. If you saturate the color by 10%, you get $141.6280, -33.8830, 2.8290$, and if you desaturate by 10%, it is $162.9580, -17.3770, 1.0470$.

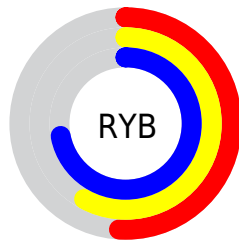
Distribution



Red (51%)

Green (62%)

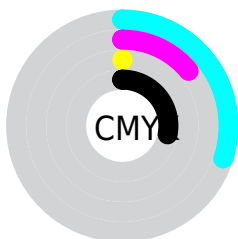
Blue (72%)



Red (51%)

Yellow (58%)

Blue (72%)

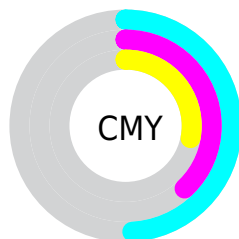


Cyan (30%)

Magenta (14%)

Yellow (0%)

Black (28%)



Cyan (49%)

Magenta (38%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 152.2930, -25.6300, 1.9380 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 152.2930, -25.6300, 1.9380 by changing the saturation by 10% instead.

■ 152.2930,
-25.6300, 1.9380

■ 152.2930,
-25.6300, 1.9380

■ 255.0000, -0.0000,
-0.0000

■ 126.1790,
-25.3090, 1.6270

■ 207.1080,
-26.5470, 2.0370

■ 101.0650,
-24.9880, 1.3160

■ 233.6260,
-22.3740, -2.0060

■ 76.6520, -25.2630,
0.7930

■ 250.5150, -8.9400,
-3.1800

■ 52.8260, -25.8130,
-0.2530

■ 28.9180, -29.0680,
-1.8360

■ 14.1970, -16.5520,
2.6160

■ 2.1830, -4.7690,

3.8310

■ 0.0000, 0.0000,
0.0000

■ 152.2930,
-25.6300, 1.9380

■ 152.2930,
-25.6300, 1.9380

■ 141.6280,
-33.8830, 2.8290

■ 162.9580,
-17.3770, 1.0470

■ 131.2510,
-43.0070, 2.9850

■ 173.3350, -8.2530,
0.8910

■ 120.5860,
-51.2600, 3.8760

■ 184.0000, 0.0000,
-0.0000

■ 109.6220,
-60.1090, 4.5550

■ 194.9640, 8.8490,
-0.6790

■ 99.5440, -68.6370,
4.9230

■ 205.0420, 17.3770,
-1.0470

■ 88.8790, -76.8900,
5.8140

■ 215.7070, 25.6300,
-1.9380

■ 77.9150, -85.7390,
6.4930

■ 225.7740, 32.6910,
-3.2530

■ 230.4700, 30.4910,
-7.4370

■ 235.7530, 28.0160,
-12.1440

Harmonies

Analogous

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



149.8420, -31.9100, -5.3980



152.2930, -25.6300, 1.9380



155.3380, -12.3350, 8.7930

Triad

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



152.2930, -25.6300, 1.9380



157.0850, 24.9860, 9.7380



151.5290, -3.5280, -13.1600

Complementary

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



152.2930, -25.6300, 1.9380



160.7070, 25.6300, -1.9380

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.



152.7650, 10.5470, -9.4290



152.2930, -25.6300, 1.9380



156.1680, 25.9500, 3.2780

Square

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



152.2930, -25.6300, 1.9380



157.7020, 15.9990, 12.9190



154.6140, 21.4580, -3.4220



149.5150, -18.1080, -13.2440

Rectangle

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



152.2930, -25.6300, 1.9380



156.8940, -2.1570, 11.5630



154.6140, 21.4580, -3.4220



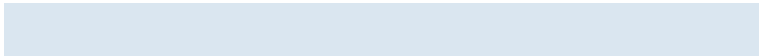
151.8070, 1.5610, -11.7750

Sweetspot

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



152.2930, -25.6300, 1.9380



227.5520, -10.3620, 0.5660



164.2490, -23.4710, -20.6790



112.5910, -6.0980, 0.3820



247.0000, -0.0000, -0.0000



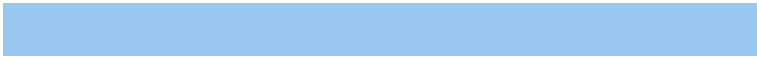
120.0000, -0.0000, -0.0000

Same Dimension

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



152.2930, -25.6300, 1.9380



189.9200, -40.5770, 2.9990



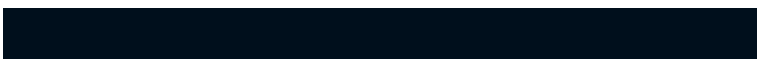
136.4440, -18.2050, 16.0590



86.3740, -3.9890, 0.7070



65.9180, -72.6260, 5.6300



11.9970, -13.1130, 0.8630

Inverse Universe

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



148.7510, 23.4710, 20.6790



184.2570, 37.0860, 32.7500



176.5560, 18.2050, -16.0590



86.1470, 4.0800, 3.1520



55.9920, 66.6540, 58.5740



10.0820, 11.8730, 10.6010

Previews

White Background



This preview shows how the YIQ color 152.2930, -25.6300, 1.9380 looks on a white background.

Color Contrast Check

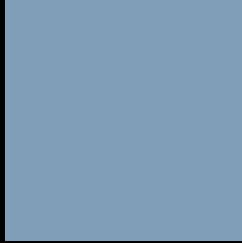
Large Text (above 18pt) WCAG AA × Fail

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 152.2930, -25.6300, 1.9380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

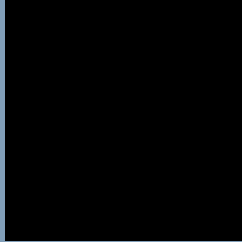
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

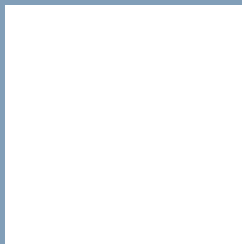
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 152.2930, -25.6300, 1.9380

Background



This preview shows how black text looks on a background with the YIQ color 152.2930, -25.6300, 1.9380.



This preview shows how white text looks on a background with the YIQ color 152.2930, -25.6300,

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

152.2930, -25.6300, 1.9380

Protanopia

154.9960, -11.3720, 7.8600

Deuteranopia

155.7730, -9.1260, 11.2100



Tritanopia

151.3160, -24.4370, -3.1650

Trichromacy



Original Color

152.2930, -25.6300, 1.9380

Protanomaly

154.1910, -16.4150, 5.6410

Deuteranomaly

154.8430, -15.3150, 7.7330

Tritanomaly

151.4840, -24.8500, -1.1860

Monochromacy



Original Color

152.2930, -25.6300, 1.9380

Achromatopsia

152.0000, -0.0000, -0.0000

Achromatomaly

152.1500, -9.1700, 0.9900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 152.2930, -25.6300, 1.9380 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(129, 158, 184)` looks like.

```
.text, #text, p{  
    color:rgb(129, 158, 184)  
}
```

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(129, 158, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 158, 184) }
```

Border

The CSS property to change the border of an element to YIQ 152.2930, -25.6300, 1.9380 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(129, 158, 184) }
```


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

```
.border{ border-color:rgb(129, 158, 184) }
```

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

Here you see how a box with a 4 pixel rgb(129, 158, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 158, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 158, 184);  
box-shadow:4px 4px 4px 4px rgb(129, 158,  
184) }
```

Background

The CSS property to change the background color of an element to YIQ 152.2930, -25.6300, 1.9380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 158, 184) }
```

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

```
.background{ background-color: rgb(129,  
158, 184) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor