

Converting Colors

YIQ(92.7850, -9.4000, 5.1600)

Have a look what the booklet for
YIQ(92.7850, -9.4000, 5.1600)
contains.

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Color

**YIQ(92.7850, -9.4000,
5.1600)**

Conversions

Conversions Part 1

Format	Color
Hex	575C70
RGB	87, 92, 112
RGB Percent	34%, 36%, 44%
CMY	0.6588, 0.6392, 0.5608
CMYK	0.22, 0.18, 0.00, 0.56
HSL	228°, 13%, 39%
HSV	228°, 22%, 44%
XYZ	10.6817, 10.8505, 16.8567
YIQ	92.7850, -9.4000, 5.1600

Conversions

Conversions Part 2

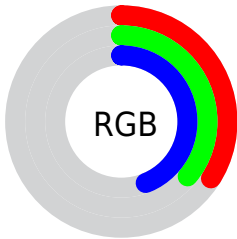
Format	Color
R_{YB}	87, 91, 112
Decimal	5725296
CIE Lab	39.33, 2.81, -12.00
CIE LCh	39, 12.323, 283.174
Yxy	10.8505, 0.2783, 0.2826
Android (android.graphics.Color)	4283915376 (0xFF575C70)
YUV	92.7850, 9.4730, -5.0734
Hunter-Lab	32.9400, 0.2384, -7.2829

Details

The YIQ color **92.7850, -9.4000, 5.1600** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **106.2150, 9.4000, -5.1600**, and the grayscale version is **93.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **143.0130, -10.0420, 5.7820**, and **46.5570, -8.7580, 4.5380** is the 20% darker color. If you saturate the color by 10%, you get **84.2130, -13.4810, 7.5350**, and if you desaturate by 10%, it is **101.3570, -5.3190, 2.7850**.

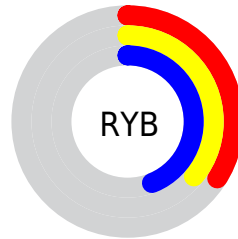
Distribution



 Red (34%)

 Green (36%)

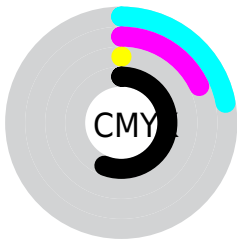
 Blue (44%)




 Red (34%)

 Yellow (36%)

 Blue (44%)

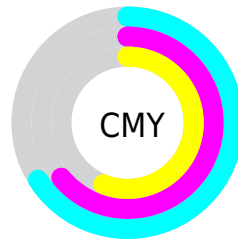


 Cyan (22%)

 Magenta (18%)

 Yellow (0%)

 Black (56%)



 Cyan (66%)

 Magenta (64%)

 Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 92.7850, -9.4000, 5.1600 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 92.7850, -9.4000, 5.1600 by changing the saturation by 10% instead.

■ 92.7850, -9.4000,
5.1600

■ 92.7850, -9.4000,
5.1600

■ 255.0000, -0.0000,
-0.0000

■ 69.3720, -9.6750,
4.6370

■ 143.0130,
-10.0420, 5.7820

■ 46.5570, -8.7580,
4.5380

■ 170.0130,
-10.0420, 5.7820

■ 26.0300, -8.7120,
3.7040

■ 197.1270,
-10.3630, 6.0930

■ 3.0950, -7.3370,
6.3190

■ 225.1270,
-10.3630, 6.0930

■ 0.0000, 0.0000,
0.0000

■ 250.8470, -3.9430,
-0.1270

■ 92.7850, -9.4000,
5.1600

■ 92.7850, -9.4000,
5.1600

■ 84.2130, -13.4810,
7.5350

■ 101.3570, -5.3190,
2.7850

■ 75.6410, -17.5620,
9.9100

■ 109.9290, -1.2380,
0.4100

■ 66.7700, -22.2390,
12.0730

■ 118.8000, 3.4390,
-1.7530

■ 58.1980, -26.3200,
14.4480

■ 127.3720, 7.5200,
-4.1280

■ 49.6260, -30.4010,
16.8230

■ 135.9440, 11.6010,
-6.5030

■ 41.0540, -34.4820,
19.1980

■ 144.5160, 15.6820,
-8.8780

■ 32.4820, -38.5630,
21.5730

■ 153.0880, 19.7630,
-11.2530

■ 25.6820, -42.0020,

■ 161.9590, 24.4400,

23.3260

-13.4160

■ 170.5310, 28.5210,
-15.7910

Harmonies

Analogous

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



90.6590, -17.9730, 0.8350



92.7850, -9.4000, 5.1600



94.3410, 0.7780, 7.9300

Triad

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



92.7850, -9.4000, 5.1600



93.5630, 17.4680, 2.8120



89.5700, -10.7730, -8.5090

Complementary

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



92.7850, -9.4000, 5.1600



106.2150, 9.4000, -5.1600

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.



90.3600, -1.3740, -8.1420



92.7850, -9.4000, 5.1600



92.9600, 14.6720, -1.5840

Square

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



92.7850, -9.4000, 5.1600



94.3010, 15.4500, 6.3460



91.6170, 8.2080, -5.5840



88.3180, -18.7510, -7.0950

Rectangle

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



92.7850, -9.4000, 5.1600



94.6900, 7.1050, 8.9050



91.6170, 8.2080, -5.5840



90.0110, -7.7010, -9.1170

Sweetspot

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



92.7850, -9.4000, 5.1600



137.3140, -3.7600, 2.0640



103.9550, -13.2950, -6.8550



69.2710, -2.2010, 1.3430



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

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



92.7850, -9.4000, 5.1600



115.1420, -14.7190, 7.9450



91.9430, -3.8530, 9.2590



51.8580, -2.4760, 0.8200



27.7680, -45.1200, 24.7680



57.5080, -93.0370, 50.6670

Inverse Universe

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



95.0450, 13.2950, 6.8550



118.5730, 20.6760, 10.7560



107.0570, 3.8530, -9.2590



52.0220, 2.9340, 1.8940



38.6160, 63.8160, 32.9040



79.5530, 131.1620, 67.9140

Previews

White Background



This preview shows how the YIQ color 92.7850, -9.4000, 5.1600 looks on a white 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

Black Background



This preview shows how the YIQ color 92.7850, -9.4000, 5.1600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

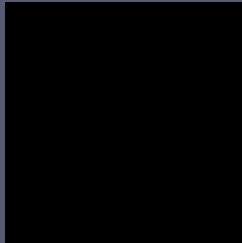
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

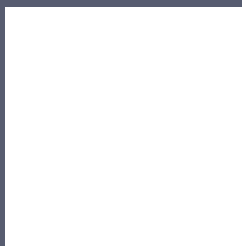
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 92.7850, -9.4000, 5.1600

Background



This preview shows how black text looks on a background with the YIQ color 92.7850, -9.4000, 5.1600.



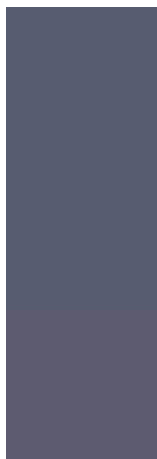
This preview shows how white text looks on a background with the YIQ color 92.7850, -9.4000,

5.1600.

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

92.7850, -9.4000, 5.1600

Protanopia

93.0840, -8.8040, 5.3720

Deuteranopia

93.6930, -6.1450, 6.7430



Tritanopia

92.1070, -7.6110, 0.2690

Trichromacy



Original Color

92.7850, -9.4000, 5.1600

Protanomaly

93.0840, -8.8040, 5.3720

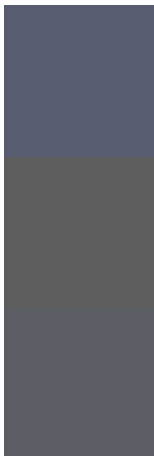
Deuteranomaly

93.0950, -7.3370, 6.3190

Tritanomaly

92.2750, -8.0240, 2.2480

Monochromacy



Original Color

92.7850, -9.4000, 5.1600

Achromatopsia

93.0000, -0.0000, -0.0000

Achromatomaly

93.2000, -3.4390, 1.7530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 92.7850, -9.4000, 5.1600 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(87, 92, 112)` looks like.

```
.text, #text, p{  
    color:rgb(87, 92, 112)  
}
```

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(87, 92, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 92, 112) }
```

Border

The CSS property to change the border of an element to YIQ 92.7850, -9.4000, 5.1600 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(87, 92, 112) }
```


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

```
.border{ border-color:rgb(87, 92, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 92, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 92, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 92, 112);  
box-shadow:4px 4px 4px 4px rgb(87, 92,  
112) }
```

Background

The CSS property to change the background color of an element to YIQ 92.7850, -9.4000, 5.1600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 92, 112) }
```

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

```
.background{ background-color: rgb(87, 92,  
112) }
```

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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