

Converting Colors

YIQ(90.5570, -8.7580, 4.5380)

Have a look what the booklet for
YIQ(90.5570, -8.7580, 4.5380)
contains.

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Color

**YIQ(90.5570, -8.7580,
4.5380)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 555A6C |
| RGB | 85, 90, 108 |
| RGB Percent | 33%, 35%, 42% |
| CMY | 0.6667, 0.6470, 0.5765 |
| CMYK | 0.21, 0.17, 0.00, 0.58 |
| HSL | 227°, 12%, 38% |
| HSV | 227°, 21%, 42% |
| XYZ | 10.1088, 10.3264, 15.6443 |
| YIQ | 90.5570, -8.7580, 4.5380 |

Conversions

Conversions Part 2

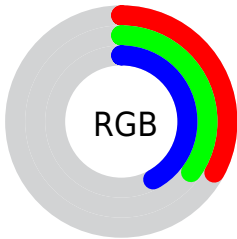
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 85, 89, 108 |
| Decimal | 5593708 |
| CIE Lab | 38.42, 2.32, -10.92 |
| CIE LCh | 38, 11.164, 281.982 |
| Yxy | 10.3264, 0.2802, 0.2862 |
| Android (android.graphics.Color) | 4283783788 (0xFF555A6C) |
| YUV | 90.5570, 8.5994, -4.8735 |
| Hunter-Lab | 32.1348, -0.0844, -6.3701 |

Details

The YIQ color $90.5570, -8.7580, 4.5380$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $102.4430, 8.7580, -4.5380$, and the grayscale version is $90.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $140.6710, -9.0790, 4.8490$, and $45.0300, -8.7120, 3.7040$ is the 20% darker color. If you saturate the color by 10%, you get $82.5720, -13.1140, 6.3900$, and if you desaturate by 10%, it is $98.5420, -4.4020, 2.6860$.

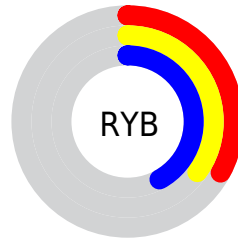
Distribution



Red (33%)

Green (35%)

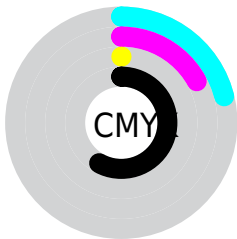
Blue (42%)



Red (33%)

Yellow (35%)

Blue (42%)

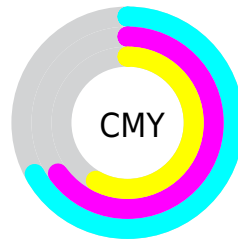


Cyan (21%)

Magenta (17%)

Yellow (0%)

Black (58%)



Cyan (67%)

Magenta (65%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 90.5570, -8.7580, 4.5380 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 90.5570, -8.7580, 4.5380 by changing the saturation by 10% instead.

■ 90.5570, -8.7580,
4.5380

■ 90.5570, -8.7580,
4.5380

■ 255.0000, -0.0000,
-0.0000

■ 67.4430, -8.4370,
4.2270

■ 140.6710, -9.0790,
4.8490

■ 45.0300, -8.7120,
3.7040

■ 166.7850, -9.4000,
5.1600

■ 23.9160, -8.3910,
3.3930

■ 193.8990, -9.7210,
5.4710

■ 2.6390, -6.0530,
5.0750

■ 222.0130,
-10.0420, 5.7820

■ 0.0000, 0.0000,
0.0000

■ 249.0750, -4.5850,
0.4950

■ 90.5570, -8.7580,
4.5380

■ 90.5570, -8.7580,
4.5380

■ 82.5720, -13.1140,
6.3900

■ 98.5420, -4.4020,
2.6860

■ 74.0000, -17.1950,
8.7650

■ 107.1140, -0.3210,
0.3110

■ 66.3140, -20.9550,
10.8290

■ 114.8000, 3.4390,
-1.7530

■ 57.7420, -25.0360,
13.2040

■ 123.3720, 7.5200,
-4.1280

■ 49.7570, -29.3920,
15.0560

■ 131.3570, 11.8760,
-5.9800

■ 41.1850, -33.4730,
17.4310

■ 139.9290, 15.9570,
-8.3550

■ 33.2000, -37.8290,
19.2830

■ 147.9140, 20.3130,
-10.2070

■ 26.4000, -41.2680,

■ 156.1870, 23.7980,

21.0360

-12.7940

■ 164.1720, 28.1540,
-14.6460

Harmonies

Analogous

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



88.9150, -15.8180, 0.3260



90.5570, -8.7580, 4.5380



91.9280, 0.5030, 7.4070

Triad

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



90.5570, -8.7580, 4.5380



91.1930, 15.6340, 3.0100



87.5810, -9.3060, -7.5620

Complementary

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



90.5570, -8.7580, 4.5380



102.4430, 8.7580, -4.5380

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.



88.7730, -1.0990, -7.6190



90.5570, -8.7580, 4.5380



90.7750, 13.7550, -1.4850

Square

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



90.5570, -8.7580, 4.5380



91.8170, 13.9370, 6.2330



89.8450, 7.5660, -4.9620



87.1010, -16.6420, -6.7700

Rectangle

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



90.5570, -8.7580, 4.5380



91.9780, 6.2340, 8.1700



89.8450, 7.5660, -4.9620



88.1360, -6.5550, -7.8590

Sweetspot

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



90.5570, -8.7580, 4.5380



134.0860, -3.1180, 1.4420



100.5530, -12.1030, -6.4310



67.1570, -1.8800, 1.0320



199.0000, -0.0000, 0.0000



71.0000, -0.0000, -0.0000

Same Dimension

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



90.5570, -8.7580, 4.5380



112.8000, -13.7560, 7.0120



89.4160, -3.8070, 8.4250



49.2710, -2.2010, 1.3430



28.6000, -44.7070, 22.7890



59.0410, -93.2200, 48.4760

Inverse Universe

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



92.4470, 12.1030, 6.4310



115.6760, 18.8880, 10.1200



103.5840, 3.8070, -8.4250



49.9080, 3.2550, 1.5830



37.9470, 61.3860, 32.8900



79.2970, 129.0070, 68.4230

Previews

White Background



This preview shows how the YIQ color 90.5570, -8.7580, 4.5380 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 90.5570, -8.7580, 4.5380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

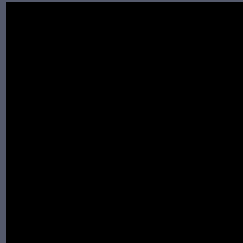
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

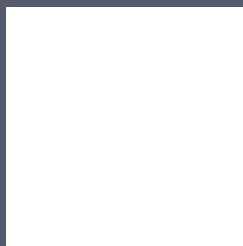
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 90.5570, -8.7580, 4.5380

Background



This preview shows how black text looks on a background with the YIQ color 90.5570, -8.7580, 4.5380.



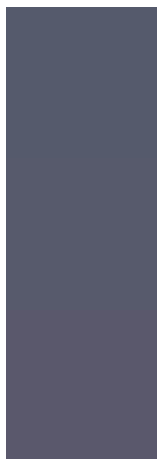
This preview shows how white text looks on a background with the YIQ color 90.5570, -8.7580,

4.5380.

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

90.5570, -8.7580, 4.5380

Protanopia

91.1550, -7.5660, 4.9620

Deuteranopia

90.8780, -5.2280, 6.6440



Tritanopia

90.1070, -7.6110, 0.2690

Trichromacy



Original Color

90.5570, -8.7580, 4.5380

Protanomaly

90.8560, -8.1620, 4.7500

Deuteranomaly

90.8670, -6.6950, 5.6970

Tritanomaly

90.1610, -7.7030, 1.9370

Monochromacy



Original Color

90.5570, -8.7580, 4.5380

Achromatopsia

91.0000, -0.0000, -0.0000

Achromatomaly

91.0860, -3.1180, 1.4420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 90.5570, -8.7580, 4.5380 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(85, 90, 108)` looks like.

```
.text, #text, p{  
    color:rgb(85, 90, 108)  
}
```

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(85, 90, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 90, 108) }
```

Border

The CSS property to change the border of an element to YIQ 90.5570, -8.7580, 4.5380 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(85, 90, 108) }
```


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

```
.border{ border-color:rgb(85, 90, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 90, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 90, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 90, 108);  
box-shadow:4px 4px 4px 4px rgb(85, 90,  
108) }
```

Background

The CSS property to change the background color of an element to YIQ 90.5570, -8.7580, 4.5380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 90, 108) }
```

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

```
.background{ background-color: rgb(85, 90,  
108) }
```

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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