

Converting Colors

YIQ(87.5580, -1.3310, 7.6050)

Have a look what the booklet for
YIQ(87.5580, -1.3310, 7.6050)
contains.

YIQ(87.5580, -1.3310, 7.6050)	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(87.5580, -1.3310,
7.6050)**

Conversions

Conversions Part 1

Format	Color
Hex	5B5366
RGB	91, 83, 102
RGB Percent	36%, 33%, 40%
CMY	0.6431, 0.6745, 0.6000
CMYK	0.11, 0.19, 0.00, 0.60
HSL	265°, 10%, 36%
HSV	265°, 19%, 40%
XYZ	9.8062, 9.3698, 13.8607
YIQ	87.5580, -1.3310, 7.6050

Conversions

Conversions Part 2

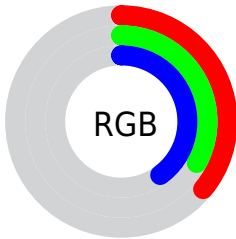
Format	Color
R_{YB}	91, 83, 102
Decimal	5985126
CIE Lab	36.69, 7.41, -9.77
CIE LCh	37, 12.262, 307.177
Yxy	9.3698, 0.2968, 0.2836
Android (android.graphics.Color)	4284175206 (0xFF5B5366)
YUV	87.5580, 7.1199, 3.0186
Hunter-Lab	30.6101, 3.6163, -5.4205

Details

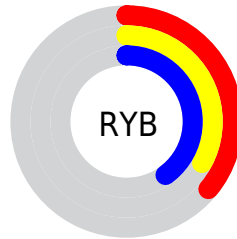
The YIQ color **87.5580, -1.3310, 7.6050** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **97.4420, 1.3310, -7.6050**, and the grayscale version is **87.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **137.0850, -1.3770, 8.4390**, and **42.0310, -1.2850, 6.7710** is the 20% darker color. If you saturate the color by 10%, you get **79.8940, -2.1570, 11.5630**, and if you desaturate by 10%, it is **95.2220, -0.5050, 3.6470**.

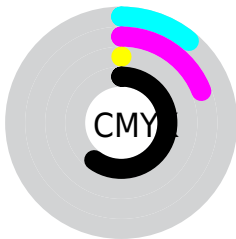
Distribution



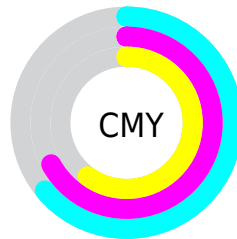
- Red (36%)
- Green (33%)
- Blue (40%)



- Red (36%)
- Yellow (33%)
- Blue (40%)



- Cyan (11%)
- Magenta (19%)
- Yellow (0%)
- Black (60%)



- Cyan (64%)
- Magenta (67%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 87.5580, -1.3310, 7.6050 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 87.5580, -1.3310, 7.6050 by changing the saturation by 10% instead.

■ 87.5580, -1.3310,
7.6050

■ 87.5580, -1.3310,
7.6050

■ 255.0000, -0.0000,
-0.0000

■ 64.1450, -1.6060,
7.0820

■ 137.0850, -1.3770,
8.4390

■ 42.0310, -1.2850,
6.7710

■ 164.0850, -1.3770,
8.4390

■ 21.6180, -1.5600,
6.2480

■ 190.4980, -1.1020,
8.9620

■ 1.1400, -3.2100,
3.1100

■ 218.6120, -1.4230,
9.2730

■ 0.0000, 0.0000,
0.0000

■ 246.1730, 1.1910,
5.9510

87.5580, -1.3310,
7.6050

87.5580, -1.3310,
7.6050

79.8940, -2.1570,
11.5630

95.2220, -0.5050,
3.6470

72.2300, -2.9830,
15.5210

102.8860, 0.3210,
-0.3110

63.9790, -3.5340,
20.0020

111.1370, 0.8720,
-4.7920

56.3150, -4.3600,
23.9600

118.8010, 1.6980,
-8.7500

48.9500, -4.5900,
28.1300

126.4650, 2.5240,
-12.7080

41.2860, -5.4160,
32.0880

133.8300, 2.7540,
-16.8780

33.6220, -6.2420,
36.0460

141.4940, 3.5800,
-20.8360

25.3710, -6.7930,

149.7450, 4.1310,

40.5270

-25.3170

■ 24.4850, -7.1140,
40.8380

■ 157.4090, 4.9570,
-29.2750

Harmonies

Analogous

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



85.8880, -11.1880, 4.5240



87.5580, -1.3310, 7.6050



87.8750, 8.0220, 8.8060

Triad

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



87.5580, -1.3310, 7.6050



86.6720, 15.5430, -0.8490



82.2750, -17.1920, -7.8160

Complementary

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



87.5580, -1.3310, 7.6050



97.4420, 1.3310, -7.6050

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.



82.9400, -8.9390, -8.7070



87.5580, -1.3310, 7.6050



85.3290, 9.0790, -4.8490

Square

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



87.5580, -1.3310, 7.6050



87.2040, 17.1010, 3.9570



84.1430, 0.7350, -7.8170



82.5290, -20.7230, -4.3950

Rectangle

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



87.5580, -1.3310, 7.6050



87.8000, 12.6070, 8.3110



84.1430, 0.7350, -7.8170



82.8300, -14.4410, -8.1130

Sweetspot

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



87.5580, -1.3310, 7.6050



126.8090, -0.7800, 3.1240



91.6230, -9.1240, 0.1560



63.0540, -0.0920, 1.6680



194.0000, -0.0000, 0.0000



66.0000, -0.0000, -0.0000

Same Dimension

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



87.5580, -1.3310, 7.6050



110.3070, -1.8820, 12.0860



90.2490, 4.0330, 9.5130



47.1680, -0.4130, 1.9790



27.4620, -8.3070, 45.9410



58.0860, -16.8900, 96.8860

Inverse Universe

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



89.9350, 7.7930, 7.4490



113.9080, 12.4230, 11.6470



94.7510, -4.0330, -9.5130



47.8370, 2.0170, 1.9930



41.9090, 47.3540, 44.9060



88.3180, 99.2920, 94.8440

Previews

White Background



This preview shows how the YIQ color 87.5580, -1.3310, 7.6050 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 ✓ Pass

Black Background



This preview shows how the YIQ color 87.5580, -1.3310, 7.6050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

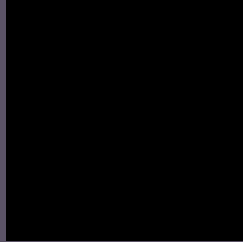
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 87.5580, -1.3310, 7.6050

Background



This preview shows how black text looks on a background with the YIQ color 87.5580, -1.3310, 7.6050.

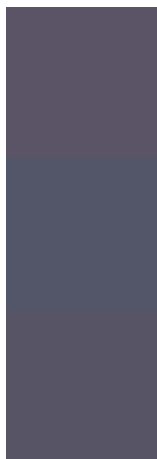


This preview shows how white text looks on a background with the YIQ color 87.5580, -1.3310,

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

87.5580, -1.3310, 7.6050

Protanopia

86.8560, -8.1620, 4.7500

Deuteranopia

86.9490, -3.9900, 6.2340



Tritanopia

86.9940, 0.1370, 3.0250

Trichromacy



Original Color

87.5580, -1.3310, 7.6050

Protanomaly

87.0520, -5.7780, 5.5980

Deuteranomaly

87.2480, -3.3940, 6.4460

Tritanomaly

87.1620, -0.2760, 5.0040

Monochromacy



Original Color

87.5580, -1.3310, 7.6050

Achromatopsia

88.0000, -0.0000, -0.0000

Achromatomaly

87.6950, -0.4590, 2.8130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 87.5580, -1.3310, 7.6050 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(91, 83, 102)` looks like.

```
.text, #text, p{  
    color:rgb(91, 83, 102)  
}
```

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(91, 83, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 83, 102) }
```

Border

The CSS property to change the border of an element to YIQ 87.5580, -1.3310, 7.6050 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(91, 83, 102) }
```


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

```
.border{ border-color:rgb(91, 83, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 83, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 83, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 83, 102);  
box-shadow:4px 4px 4px 4px rgb(91, 83,  
102) }
```

Background

The CSS property to change the background color of an element to YIQ 87.5580, -1.3310, 7.6050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 83, 102) }
```

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

```
.background{ background-color: rgb(91, 83,  
102) }
```

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