

Converting Colors

YIQ(89.0430, -1.5590, 0.7210)

Have a look what the booklet for
YIQ(89.0430, -1.5590, 0.7210)
contains.

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Color

**YIQ(89.0430, -1.5590,
0.7210)**

Conversions

Conversions Part 1

Format	Color
Hex	58595C
RGB	88, 89, 92
RGB Percent	35%, 35%, 36%
CMY	0.6549, 0.6510, 0.6392
CMYK	0.04, 0.03, 0.00, 0.64
HSL	225°, 2%, 35%
HSV	225°, 4%, 36%
XYZ	9.5286, 9.9922, 11.5512
YIQ	89.0430, -1.5590, 0.7210

Conversions

Conversions Part 2

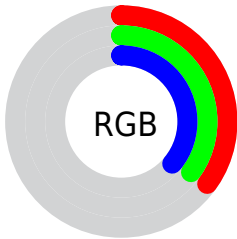
Format	Color
R_{YB}	88, 89, 92
Decimal	5790044
CIE Lab	37.83, 0.25, -1.87
CIE LCh	38, 1.888, 277.747
Yxy	9.9922, 0.3067, 0.3216
Android (android.graphics.Color)	4283980124 (0xFF58595C)
YUV	89.0430, 1.4578, -0.9147
Hunter-Lab	31.6104, -1.5116, 0.4614

Details

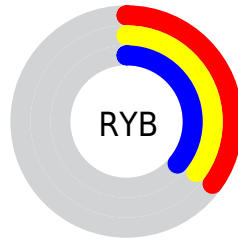
The YIQ color **89.0430, -1.5590, 0.7210** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **90.9570, 1.5590, -0.7210**, and the grayscale version is **89.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **139.0430, -1.5590, 0.7210**, and **43.9290, -1.2380, 0.4100** is the 20% darker color. If you saturate the color by 10%, you get **82.2430, -4.9980, 2.4740**, and if you desaturate by 10%, it is **95.8430, 1.8800, -1.0320**.

Distribution



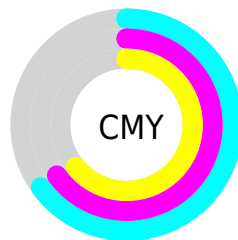
- Red (35%)
- Green (35%)
- Blue (36%)



- Red (35%)
- Yellow (35%)
- Blue (36%)



- Cyan (4%)
- Magenta (3%)
- Yellow (0%)
- Black (64%)



- Cyan (65%)
- Magenta (65%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 89.0430, -1.5590, 0.7210 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 89.0430, -1.5590, 0.7210 by changing the saturation by 10% instead.

■ 89.0430, -1.5590,
0.7210

■ 89.0430, -1.5590,
0.7210

■ 255.0000, -0.0000,
-0.0000

■ 66.0430, -1.5590,
0.7210

■ 139.0430, -1.5590,
0.7210

■ 43.9290, -1.2380,
0.4100

■ 165.1570, -1.8800,
1.0320

■ 23.0430, -1.5590,
0.7210

■ 192.1570, -1.8800,
1.0320

■ 0.0000, 0.0000,
0.0000

■ 220.1570, -1.8800,
1.0320

■ 249.0430, -1.5590,
0.7210

89.0430, -1.5590,
0.7210

89.0430, -1.5590,
0.7210

82.2430, -4.9980,
2.4740

95.8430, 1.8800,
-1.0320

75.4430, -8.4370,
4.2270

102.6430, 5.3190,
-2.7850

68.3440, -12.4720,
5.7680

109.7420, 9.3540,
-4.3260

61.5440, -15.9110,
7.5210

116.5420, 12.7930,
-6.0790

55.3310, -19.6250,
8.7510

122.7550, 16.5070,
-7.3090

48.5310, -23.0640,
10.5040

129.5550, 19.9460,
-9.0620

41.7310, -26.5030,
12.2570

136.3550, 23.3850,
-10.8150

34.6320, -30.5380,

143.4540, 27.4200,

13.7980

-12.3560

■ 27.8320, -33.9770,
15.5510

■ 150.2540, 30.8590,
-14.1090

Harmonies

Analogous

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



88.4450, -2.7510, 0.2970



89.0430, -1.5590, 0.7210



89.5270, -0.0460, 0.8340

Triad

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



89.0430, -1.5590, 0.7210



89.0820, 2.7050, 0.5370



88.8750, -1.1460, -1.2580

Complementary

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



89.0430, -1.5590, 0.7210



90.9570, 1.5590, -0.7210

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.



89.0600, -0.2290, -1.3570



89.0430, -1.5590, 0.7210



89.2560, 2.1550, -0.5090

Square

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



89.0430, -1.5590, 0.7210



89.3100, 2.0630, 1.1590



88.9570, 1.5590, -0.7210



88.6900, -2.0630, -1.1590

Rectangle

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



89.0430, -1.5590, 0.7210



89.2390, 0.8250, 1.5690



88.9570, 1.5590, -0.7210



88.7610, -0.8250, -1.5690

Sweetspot

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



89.0430, -1.5590, 0.7210



119.1140, -0.3210, 0.3110



90.6900, -2.0630, -1.1590



61.0000, 0.0000, -0.0000



189.0000, -0.0000, -0.0000

Same Dimension

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



89.0430, -1.5590, 0.7210



115.2710, -2.2010, 1.3430



88.7550, -0.6880, 1.4560



43.9290, -1.2380, 0.4100



28.3890, -42.7350, 20.0890



61.6510, -92.3020, 42.8500

Inverse Universe

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



89.3100, 2.0630, 1.1590



115.9080, 3.2550, 1.5830



91.2450, 0.6880, -1.4560



44.0110, 1.4670, 0.9470



35.9680, 56.8930, 31.7170



77.5890, 122.3130, 68.5930

Previews

White Background



This preview shows how the YIQ color 89.0430, -1.5590, 0.7210 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 89.0430, -1.5590, 0.7210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

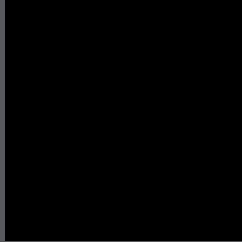
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 89.0430, -1.5590, 0.7210

Background



This preview shows how black text looks on a background with the YIQ color 89.0430, -1.5590, 0.7210.



This preview shows how white text looks on a background with the YIQ color 89.0430, -1.5590,

0.7210.

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

89.0430, -1.5590, 0.7210

Protanopia

89.0540, -0.0920, 1.6680

Deuteranopia

89.7880, 3.7130, 4.2970



Tritanopia

89.0970, -1.6510, 2.3890

Trichromacy



Original Color

89.0430, -1.5590, 0.7210

Protanomaly

88.7550, -0.6880, 1.4560

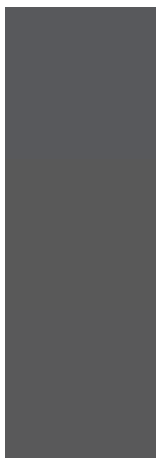
Deuteranomaly

89.4780, 1.6500, 3.1380

Tritanomaly

88.9830, -1.3300, 2.0780

Monochromacy



Original Color

89.0430, -1.5590, 0.7210

Achromatopsia

89.0000, -0.0000, -0.0000

Achromatomaly

89.1140, -0.3210, 0.3110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 89.0430, -1.5590, 0.7210 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(88, 89, 92)` looks like.

```
.text, #text, p{  
    color:rgb(88, 89, 92)  
}
```

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(88, 89, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 89, 92) }
```

Border

The CSS property to change the border of an element to YIQ 89.0430, -1.5590, 0.7210 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(88, 89, 92) }
```

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

```
.border{ border-color:rgb(88, 89, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 89, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 89, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 89, 92);  
box-shadow:4px 4px 4px 4px rgb(88, 89, 92)  
}
```


Background

The CSS property to change the background color of an element to YIQ 89.0430, -1.5590, 0.7210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 89, 92) }
```

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

```
.background{ background-color: rgb(88, 89,  
92) }
```

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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