

Converting Colors

YIQ(82.6630, 2.5670, 3.0390)

Have a look what the booklet for
YIQ(82.6630, 2.5670, 3.0390)
contains.

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Color

YIQ(82.6630, 2.5670, 3.0390)

Conversions

Conversions Part 1

Format	Color
Hex	575055
RGB	87, 80, 85
RGB Percent	34%, 31%, 33%
CMY	0.6588, 0.6863, 0.6667
CMYK	0.00, 0.08, 0.02, 0.66
HSL	317°, 4%, 33%
HSV	317°, 8%, 34%
XYZ	8.4392, 8.4193, 9.7750
YIQ	82.6630, 2.5670, 3.0390

Conversions

Conversions Part 2

Format	Color
R_{YB}	87, 80, 85
Decimal	5722197
CIE Lab	34.84, 3.92, -1.90
CIE LCh	35, 4.352, 334.175
Yxy	8.4193, 0.3169, 0.3161
Android (android.graphics.Color)	4283912277 (0xFF575055)
YUV	82.6630, 1.1521, 3.8035
Hunter-Lab	29.0160, 1.1379, 0.3375

Details

The YIQ color **82.6630, 2.5670, 3.0390** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **84.3370, -2.5670, -3.0390**, and the grayscale version is **83.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **132.0760, 2.8420, 3.5620**, and **38.2500, 2.2920, 2.5160** is the 20% darker color. If you saturate the color by 10%, you get **77.1520, 5.6840, 7.1240**, and if you desaturate by 10%, it is **88.1740, -0.5500, -1.0460**.

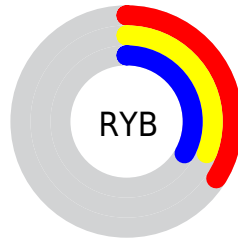
Distribution



Red (34%)

Green (31%)

Blue (33%)



Red (34%)

Yellow (31%)

Blue (33%)

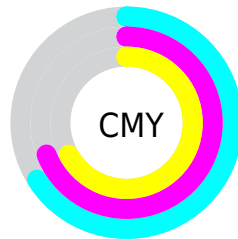


Cyan (0%)

Magenta (8%)

Yellow (2%)

Black (66%)



Cyan (66%)

Magenta (69%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 82.6630, 2.5670, 3.0390 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 82.6630, 2.5670, 3.0390 by changing the saturation by 10% instead.

■ 82.6630, 2.5670,
3.0390

■ 82.6630, 2.5670,
3.0390

■ 255.0000, -0.0000,
-0.0000

■ 59.6630, 2.5670,
3.0390

■ 132.0760, 2.8420,
3.5620

■ 38.2500, 2.2920,
2.5160

■ 158.0760, 2.8420,
3.5620

■ 17.0760, 2.8420,
3.5620

■ 185.0760, 2.8420,
3.5620

■ 0.0000, 0.0000,
0.0000

■ 212.9620, 3.1630,
3.2510

■ 241.0760, 2.8420,
3.5620

■ 82.6630, 2.5670,
3.0390

■ 82.6630, 2.5670,
3.0390

■ 77.1520, 5.6840,
7.1240

■ 88.1740, -0.5500,
-1.0460

■ 72.1140, 8.8470,
10.3750

■ 93.2120, -3.7130,
-4.2970

■ 66.6030, 11.9640,
14.4600

■ 98.7230, -6.8300,
-8.3820

■ 60.9780, 15.4020,
18.2340

■ 104.3480,
-10.2680, -12.1560

■ 55.4670, 18.5190,
22.3190

■ 109.8590,
-13.3850, -16.2410

■ 50.4290, 21.6820,
25.5700

■ 114.8970,
-16.5480, -19.4920

■ 44.9180, 24.7990,
29.6550

■ 120.4080,
-19.6650, -23.5770

■ 39.2930, 28.2370,

■ 126.0330,

33.4290

-23.1030, -27.3510

■ 34.3690, 31.0790,
36.9910

■ 130.9570,
-25.9450, -30.9130

Harmonies

Analogous

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



82.3960, -1.0550, 2.6010



82.6630, 2.5670, 3.0390



82.9190, 4.7220, 2.5300

Triad

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



82.6630, 2.5670, 3.0390



81.8000, 3.4390, -1.7530



81.2380, -6.6020, -1.4980

Complementary

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



82.6630, 2.5670, 3.0390



84.3370, -2.5670, -3.0390

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.



80.7820, -5.3180, -2.7420



82.6630, 2.5670, 3.0390



81.3050, 0.4590, -2.8130

Square

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



82.6630, 2.5670, 3.0390



82.5230, 5.7770, -0.0710



81.3370, -2.5670, -3.0390



81.1780, -6.3730, -0.1410

Rectangle

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



82.6630, 2.5670, 3.0390



82.8760, 6.2810, 1.8090



81.3370, -2.5670, -3.0390



80.8250, -6.8770, -2.0210

Sweetspot

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



82.6630, 2.5670, 3.0390



110.8260, 0.5500, 1.0460



81.3960, -1.0550, 2.6010



55.4130, 0.2750, 0.5230



184.0000, 0.0000, -0.0000



56.0000, -0.0000, 0.0000

Same Dimension

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



82.6630, 2.5670, 3.0390



105.2010, 3.9880, 4.8200



82.3210, 3.5300, 2.1060



40.5380, 1.4210, 1.7810



40.6570, 39.3760, 46.3200



89.4170, 86.1320, 102.0680

Inverse Universe

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



82.6630, 2.5670, 3.0390



105.2010, 3.9880, 4.8200



84.6790, -3.5300, -2.1060



40.5380, 1.4210, 1.7810



40.6570, 39.3760, 46.3200



89.4170, 86.1320, 102.0680

Previews

White Background



This preview shows how the YIQ color 82.6630, 2.5670, 3.0390 looks on a white background.

Color Contrast Check

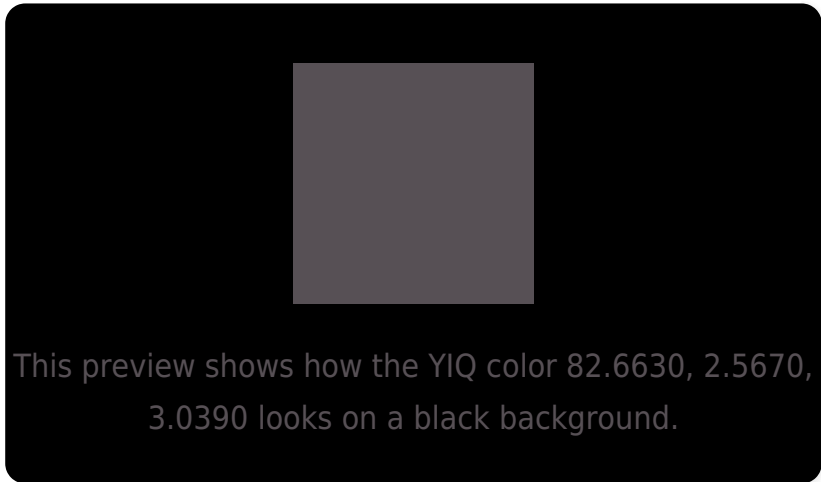
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

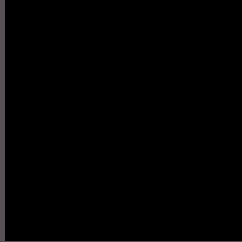
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 82.6630, 2.5670, 3.0390

Background



This preview shows how black text looks on a background with the YIQ color 82.6630, 2.5670, 3.0390.



This preview shows how white text looks on a background with the YIQ color 82.6630, 2.5670, 3.0390.

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

82.6630, 2.5670, 3.0390

Protanopia

81.8690, -1.0090, 1.7670

Deuteranopia

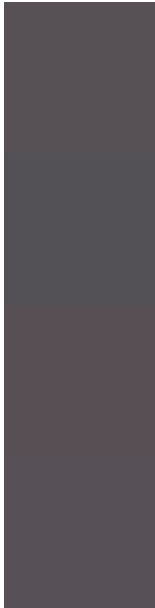
82.3750, 3.4380, 3.7740



Tritanopia

82.7770, 2.2460, 3.3500

Trichromacy



Original Color

82.6630, 2.5670, 3.0390

Protanomaly

82.4670, 0.1830, 2.1910

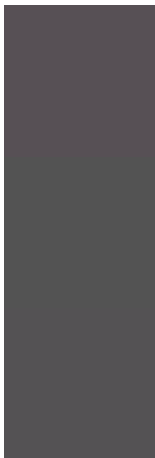
Deuteranomaly

82.3750, 3.4380, 3.7740

Tritanomaly

82.7770, 2.2460, 3.3500

Monochromacy



Original Color

82.6630, 2.5670, 3.0390

Achromatopsia

83.0000, -0.0000, 0.0000

Achromatomaly

82.8260, 0.5500, 1.0460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 82.6630, 2.5670, 3.0390 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, 80, 85)` looks like.

```
.text, #text, p{  
    color:rgb(87, 80, 85)  
}
```

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, 80, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 80, 85) }
```

Border

The CSS property to change the border of an element to YIQ 82.6630, 2.5670, 3.0390 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, 80, 85) }
```

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

```
.border{ border-color:rgb(87, 80, 85) }
```

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

Here you see how a box with a 4 pixel rgb(87, 80, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 80, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 80, 85);  
box-shadow:4px 4px 4px 4px rgb(87, 80, 85)  
}
```


Background

The CSS property to change the background color of an element to YIQ 82.6630, 2.5670, 3.0390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 80, 85) }
```

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

```
.background{ background-color: rgb(87, 80,  
85) }
```

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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