

Converting Colors

YIQ(80.1090, 7.2430, 6.4030)

Have a look what the booklet for
YIQ(80.1090, 7.2430, 6.4030)
contains.

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Color

YIQ(80.1090, 7.2430, 6.4030)

Conversions

Conversions Part 1

Format	Color
Hex	5B4A53
RGB	91, 74, 83
RGB Percent	36%, 29%, 33%
CMY	0.6431, 0.7098, 0.6745
CMYK	0.00, 0.19, 0.09, 0.64
HSL	328°, 10%, 32%
HSV	328°, 19%, 36%
XYZ	8.3254, 7.7460, 9.2411
YIQ	80.1090, 7.2430, 6.4030

Conversions

Conversions Part 2

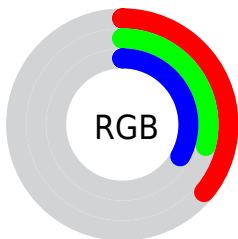
Format	Color
RYB	91, 74, 83
Decimal	5982803
CIELab	33.45, 8.92, -2.64
CIELCh	33, 9.297, 343.524
Yxy	7.7460, 0.3289, 0.3060
Android (android.graphics.Color)	4284172883 (0xFF5B4A53)
YUV	80.1090, 1.4253, 9.5514
Hunter-Lab	27.8316, 4.6903, -0.2043

Details

The YIQ color **80.1090, 7.2430, 6.4030** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **84.8910, -7.2430, -6.4030**, and the grayscale version is **80.0000, 0.0000, -0.0000**.


A 20% lighter version of the original color is **129.4080, 7.8390, 6.6150**, and **35.3970, 6.3720, 5.6680** is the 20% darker color. If you saturate the color by 10%, you get **74.3700, 11.0020, 9.8660**, and if you desaturate by 10%, it is **85.8480, 3.4840, 2.9400**.

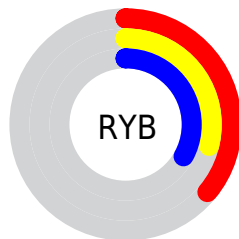
Distribution



 Red (36%)

 Green (29%)

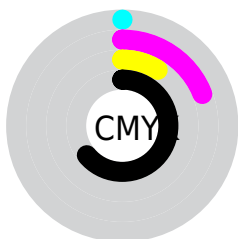
 Blue (33%)




 Red (36%)

 Yellow (29%)

 Blue (33%)

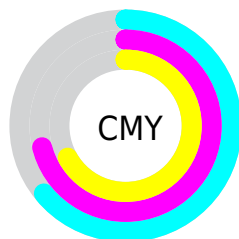



 Cyan (0%)

 Magenta (19%)

 Yellow (9%)

 Black (64%)



 Cyan (64%)

 Magenta (71%)

 Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 80.1090, 7.2430, 6.4030 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 80.1090, 7.2430, 6.4030 by changing the saturation by 10% instead.

■ 80.1090, 7.2430,
6.4030

■ 80.1090, 7.2430,
6.4030

255.0000, -0.0000,
-0.0000

■ 56.8100, 6.6470,
6.1910

■ 129.4080, 7.8390,
6.6150

■ 35.3970, 6.3720,
5.6680

■ 155.8210, 8.1140,
7.1380

■ 13.0490, 7.4720,
7.7600

■ 182.1200, 8.7100,
7.3500

■ 0.0000, 0.0000,
0.0000

■ 210.1200, 8.7100,
7.3500

■ 238.4190, 9.3060,
7.5620

80.1090, 7.2430,
6.4030

80.1090, 7.2430,
6.4030

74.3700, 11.0020,
9.8660

85.8480, 3.4840,
2.9400

68.5170, 15.0820,
13.0180

91.7010, -0.5960,
-0.2120

62.7780, 18.8410,
16.4810

97.4400, -4.3550,
-3.6750

57.0390, 22.6000,
19.9440

103.1790, -8.1140,
-7.1380

50.7130, 26.6340,
23.9300

109.5050,
-12.1480, -11.1240

44.8600, 30.7140,
27.0820

115.3580,
-16.2280, -14.2760

39.1210, 34.4730,
30.5450

121.0970,
-19.9870, -17.7390

33.3820, 38.2320,

126.8360,

34.0080

-23.7460, -21.2020

■ 32.6810, 38.8280,
34.2200

■ 132.6890,
-27.8260, -24.3540

Harmonies

Analogous

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



79.8740, 0.5950, 5.7390



80.1090, 7.2430, 6.4030



80.2080, 11.2780, 4.8620

Triad

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



80.1090, 7.2430, 6.4030



77.8880, 6.0070, -4.2410



76.1060, -15.0380, -2.7980

Complementary

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



80.1090, 7.2430, 6.4030



84.8910, -7.2430, -6.4030

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.



76.0090, -13.3870, -5.1870



80.1090, 7.2430, 6.4030



77.1260, -0.5950, -5.7390

Square

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



80.1090, 7.2430, 6.4030



78.9210, 10.4080, -1.4000



76.5920, -7.8390, -6.6150



77.8830, -12.7920, 0.5520

Rectangle

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



80.1090, 7.2430, 6.4030



79.6380, 12.8830, 3.3070



76.5920, -7.8390, -6.6150



76.1660, -15.2670, -4.1550

Sweetspot

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



80.1090, 7.2430, 6.4030



112.5490, 2.8880, 2.7280



78.3300, -0.6890, 6.9830



56.4240, 1.7420, 1.4700



186.0000, -0.0000, -0.0000



59.0000, 0.0000, -0.0000

Same Dimension

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



80.1090, 7.2430, 6.4030



100.3700, 11.0020, 9.8660



79.1970, 9.8110, 3.9150



42.8370, 2.0170, 1.9930



39.5020, 46.9420, 41.3580



85.2270, 100.8060, 89.4300

Inverse Universe

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



80.1090, 7.2430, 6.4030



100.3700, 11.0020, 9.8660



85.8030, -9.8110, -3.9150



42.8370, 2.0170, 1.9930



39.5020, 46.9420, 41.3580



85.2270, 100.8060, 89.4300

Previews

White Background



This preview shows how the YIQ color 80.1090, 7.2430, 6.4030 looks on a white background.

Color Contrast Check

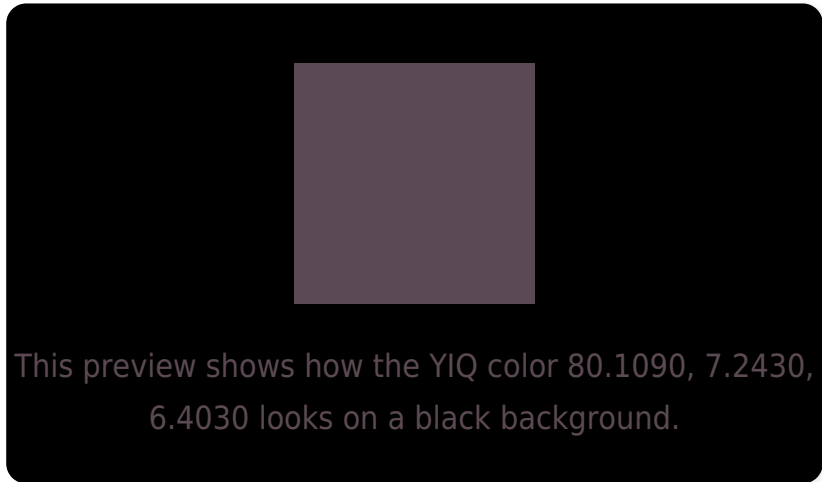
Large Text (above 18pt) WCAG AA ✓ Pass

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

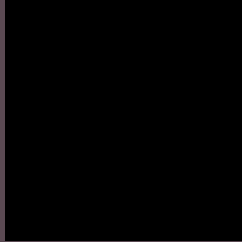
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 80.1090, 7.2430, 6.4030

Background



This preview shows how black text looks on a background with the YIQ color 80.1090, 7.2430, 6.4030.



This preview shows how white text looks on a background with the YIQ color 80.1090, 7.2430, 6.4030.

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

80.1090, 7.2430, 6.4030

Protanopia

78.9120, -2.5680, 2.4880

Deuteranopia

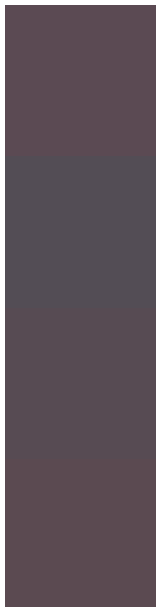
79.4890, 3.1170, 4.0850



Tritanopia

79.7670, 8.2060, 5.4700

Trichromacy



Original Color

80.1090, 7.2430, 6.4030

Protanomaly

79.7060, 1.0080, 3.7600

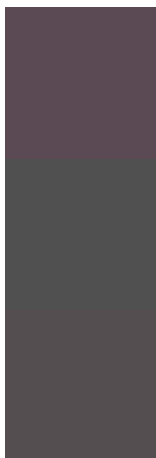
Deuteranomaly

79.5000, 4.5840, 5.0320

Tritanomaly

79.8810, 7.8850, 5.7810

Monochromacy



Original Color

80.1090, 7.2430, 6.4030

Achromatopsia

80.0000, 0.0000, -0.0000

Achromatomaly

80.1360, 2.6130, 2.2050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 80.1090, 7.2430, 6.4030 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, 74, 83)` looks like.

```
.text, #text, p{  
    color:rgb(91, 74, 83)  
}
```

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, 74, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 74, 83) }
```

Border

The CSS property to change the border of an element to YIQ 80.1090, 7.2430, 6.4030 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, 74, 83) }
```

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

```
.border{ border-color:rgb(91, 74, 83) }
```

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

Here you see how a box with a 4 pixel rgb(91, 74, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 74, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 74, 83);  
box-shadow:4px 4px 4px 4px rgb(91, 74, 83)  
}
```


Background

The CSS property to change the background color of an element to YIQ 80.1090, 7.2430, 6.4030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 74, 83) }
```

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

```
.background{ background-color: rgb(91, 74,  
83) }
```

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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