

Converting Colors

YIQ(80.6480, 24.1180, -7.5780)

Have a look what the booklet for
YIQ(80.6480, 24.1180, -7.5780)
contains.

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Color

**YIQ(80.6480, 24.1180,
-7.5780)**

Conversions

Conversions Part 1

Format	Color
Hex	634F29
RGB	99, 79, 41
RGB Percent	39%, 31%, 16%
CMY	0.6117, 0.6902, 0.8391
CMYK	0.00, 0.20, 0.59, 0.61
HSL	39°, 41%, 27%
HSV	39°, 59%, 39%
XYZ	8.3424, 8.4040, 3.2832
YIQ	80.6480, 24.1180, -7.5780

Conversions

Conversions Part 2

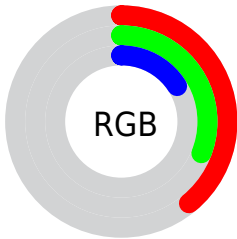
Format	Color
R_YB	72, 99, 41
Decimal	6508329
CIE Lab	34.81, 3.19, 25.35
CIE LCh	35, 25.554, 82.819
Yxy	8.4040, 0.4165, 0.4196
Android (android.graphics.Color)	4284698409 (0xFF634F29)
YUV	80.6480, -19.5465, 16.0947
Hunter-Lab	28.9897, 0.6352, 13.5780

Details

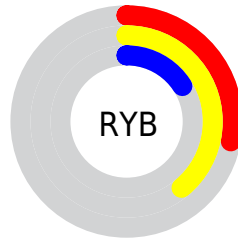
The YIQ color **80.6480, 24.1180, -7.5780** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **59.3520, -24.1180, 7.5780**, and the grayscale version is **81.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **130.5020, 27.4650, -7.6630**, and **35.7940, 20.7710, -7.4930** is the 20% darker color. If you saturate the color by 10%, you get **77.7470, 28.1530, -9.1190**, and if you desaturate by 10%, it is **83.5490, 20.0830, -6.0370**.

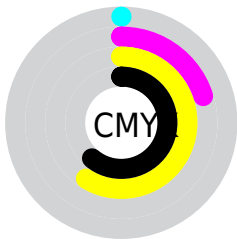
Distribution



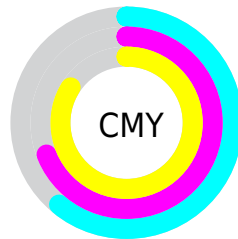
- Red (39%)
- Green (31%)
- Blue (16%)



- Red (28%)
- Yellow (39%)
- Blue (16%)



- Cyan (0%)
- Magenta (20%)
- Yellow (59%)
- Black (61%)



- Cyan (61%)
- Magenta (69%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 80.6480, 24.1180, -7.5780 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 80.6480, 24.1180, -7.5780 by changing the saturation by 10% instead.

80.6480, 24.1180,
-7.5780

80.6480, 24.1180,
-7.5780

255.0000, -0.0000,
-0.0000

57.1640, 22.6050,
-7.6910

130.5020, 27.4650,
-7.6630

35.7940, 20.7710,
-7.4930

156.6870, 28.3820,
-7.7620

16.2910, 12.2420,
-1.5980

183.8720, 29.2990,
-7.8610

0.0000, 0.0000,
0.0000

211.3560, 30.8120,
-7.7480

236.5510, 25.7690,
-9.9670

250.8960, 11.5560,

-11.1960

254.2020, 2.2470,
-2.1770

80.6480, 24.1180,
-7.5780

80.6480, 24.1180,
-7.5780

77.7470, 28.1530,
-9.1190

83.5490, 20.0830,
-6.0370

74.2590, 32.4630,
-10.1370

87.0370, 15.7730,
-5.0190

71.3580, 36.4980,
-11.6780

89.9380, 11.7380,
-3.4780

67.8700, 40.8080,
-12.6960

93.4260, 7.4280,
-2.4600

67.7560, 41.1290,
-13.0070

96.3270, 3.3930,
-0.9190

■ 99.1140, -0.3210,
0.3110

■ 102.6020, -4.6310,
1.3290

■ 105.5030, -8.6660,
2.8700

■ 108.9910,
-12.9760, 3.8880

Harmonies

Analogous

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



82.0500, 32.0940, 2.0620



80.6480, 24.1180, -7.5780



78.4180, 9.9060, -14.3340

Triad

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



80.6480, 24.1180, -7.5780



65.0620, -56.4370, -17.9490



84.6720, 7.5160, 17.9800

Complementary

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



80.6480, 24.1180, -7.5780



59.3520, -24.1180, 7.5780

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.



82.0760, -14.3530, 12.3270



80.6480, 24.1180, -7.5780



65.8260, -61.3440, -11.6160

Square

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



80.6480, 24.1180, -7.5780



69.8440, -35.3920, -19.3920



75.4640, -39.2930, 1.7550



84.0560, 23.9300, 17.8660

Rectangle

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



80.6480, 24.1180, -7.5780



77.1930, -2.7020, -17.1180



75.4640, -39.2930, 1.7550



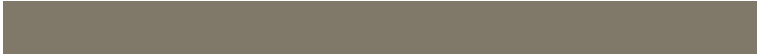
84.0240, 0.5930, 16.7930

Sweetspot

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



80.6480, 24.1180, -7.5780



120.6820, 9.5830, -2.9690



60.6220, 28.1480, 18.5160



59.4690, 5.8690, -1.7390



191.0000, -0.0000, -0.0000



64.0000, -0.0000, -0.0000

Same Dimension

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



80.6480, 24.1180, -7.5780



99.5430, 37.4150, -11.7770



89.6970, 13.2540, -19.9460



46.9570, 1.5590, -0.7210



76.3390, 46.6770, -14.4350



163.9190, 99.8650, -31.2310

Inverse Universe

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



59.3520, -24.1180, 7.5780



66.4570, -37.4150, 11.7770



50.3030, -13.2540, 19.9460



45.0430, -1.5590, 0.7210



35.6610, -46.6770, 14.4350



76.0810, -99.8650, 31.2310

Previews

White Background



This preview shows how the YIQ color 80.6480, 24.1180, -7.5780 looks on a white background.

Color Contrast Check

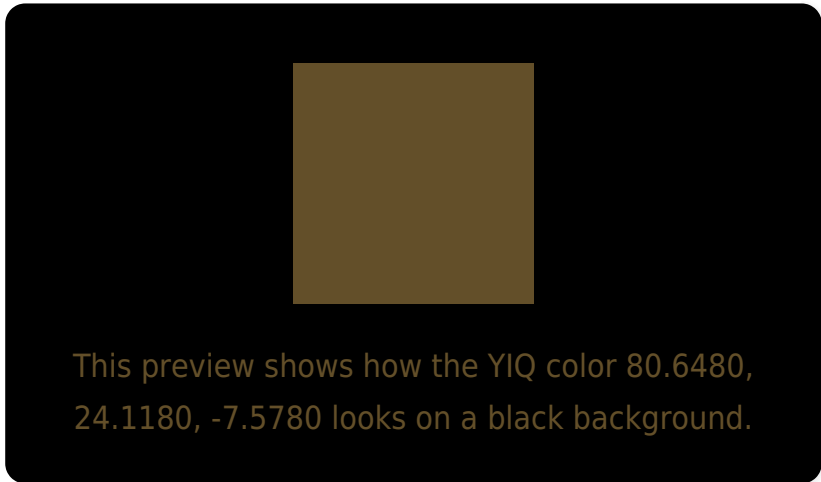
Large Text (above 18pt) WCAG AA ✓ Pass

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

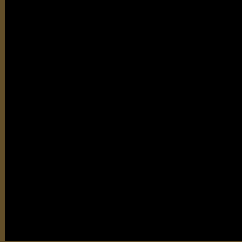
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 80.6480, 24.1180, -7.5780

Background



This preview shows how black text looks on a background with the YIQ color 80.6480, 24.1180, -7.5780.



This preview shows how white text looks on a background with the YIQ color 80.6480, 24.1180,

-7.5780.

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

80.6480, 24.1180, -7.5780

Protanopia

80.1310, 18.2040, -10.5320

Deuteranopia

80.6590, 25.5850, -6.6310



Tritanopia

83.6430, 14.4870, 7.2790

Trichromacy



Original Color

80.6480, 24.1180, -7.5780

Protanomaly

80.4410, 20.2670, -9.3730

Deuteranomaly

80.3600, 24.9890, -6.8430

Tritanomaly

82.3350, 18.1100, 2.1900

Monochromacy



Original Color

80.6480, 24.1180, -7.5780

Achromatopsia

81.0000, -0.0000, 0.0000

Achromatomaly

80.7960, 9.2620, -2.6580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 80.6480, 24.1180, -7.5780 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(99, 79, 41)` looks like.

```
.text, #text, p{  
    color:rgb(99, 79, 41)  
}
```

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(99, 79, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 79, 41) }
```

Border

The CSS property to change the border of an element to YIQ 80.6480, 24.1180, -7.5780 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(99, 79, 41) }
```


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

```
.border{ border-color:rgb(99, 79, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 79, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 79, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 79, 41);  
box-shadow:4px 4px 4px 4px rgb(99, 79, 41)  
}
```

Background

The CSS property to change the background color of an element to YIQ 80.6480, 24.1180, -7.5780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 79, 41) }
```

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

```
.background{ background-color: rgb(99, 79,  
41) }
```

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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