

Converting Colors

YIQ(80.8480, 12.6520, 13.0040)

Have a look what the booklet for
YIQ(80.8480, 12.6520, 13.0040)
contains.

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Color

**YIQ(80.8480, 12.6520,
13.0040)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 654559 |
| RGB | 101, 69, 89 |
| RGB Percent | 40%, 27%, 35% |
| CMY | 0.6038, 0.7295, 0.6509 |
| CMYK | 0.00, 0.32, 0.12, 0.60 |
| HSL | 323°, 19%, 33% |
| HSV | 323°, 32%, 40% |
| XYZ | 9.3002, 7.7440, 10.4577 |
| YIQ | 80.8480, 12.6520, 13.0040 |

Conversions

Conversions Part 2

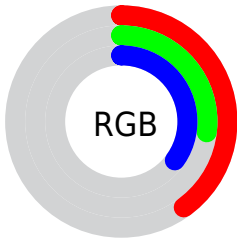
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 101, 69, 89 |
| Decimal | 6636889 |
| CIE _{Lab} | 33.44, 17.28, -6.34 |
| CIE _{LCh} | 33, 18.410, 339.845 |
| Yxy | 7.7440, 0.3382, 0.2816 |
| Android (android.graphics.Color) | 4284826969 (0xFF654559) |
| YUV | 80.8480, 4.0189, 17.6733 |
| Hunter-Lab | 27.8281, 10.9559, -2.8014 |




Details

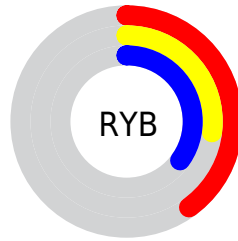
The YIQ color **80.8480, 12.6520, 13.0040** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **89.1520, -12.6520, -13.0040**, and the grayscale version is **81.0000, -0.0000, 0.0000**.




A 20% lighter version of the original color is **130.5600, 13.5230, 13.7390**, and **35.5380, 10.5890, 11.8450** is the 20% darker color. If you saturate the color by 10%, you get **74.5220, 16.6860, 16.9900**, and if you desaturate by 10%, it is **87.1740, 8.6180, 9.0180**.

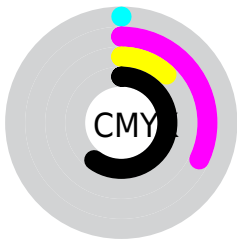
Distribution







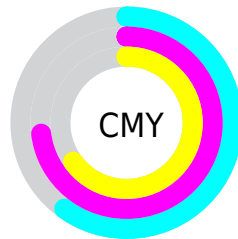
-  Red (40%)
-  Green (27%)
-  Blue (35%)






-  Red (40%)
-  Yellow (27%)
-  Blue (35%)



-  Cyan (0%)
-  Magenta (32%)
-  Yellow (12%)
-  Black (60%)



-  Cyan (60%)
-  Magenta (73%)
-  Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 80.8480, 12.6520, 13.0040 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 80.8480, 12.6520, 13.0040 by changing the saturation by 10% instead.

80.8480, 12.6520,
13.0040

80.8480, 12.6520,
13.0040

255.0000, -0.0000,
-0.0000

57.5490, 12.0560,
12.7920

130.5600, 13.5230,
13.7390

35.5380, 10.5890,
11.8450

156.2720, 14.3940,
14.4740

12.4890, 12.2850,
14.1490

183.5710, 14.9900,
14.6860

0.0000, 0.0000,
0.0000

211.2830, 15.8610,
15.4210

236.7060, 10.1760,
13.8240

254.4130, 0.2750,

0.5230

■ 80.8480, 12.6520,
13.0040

■ 80.8480, 12.6520,
13.0040

■ 74.5220, 16.6860,
16.9900

■ 87.1740, 8.6180,
9.0180

■ 68.1960, 20.7200,
20.9760

■ 93.5000, 4.5840,
5.0320

■ 61.9840, 24.4330,
25.2730

■ 99.7120, 0.8710,
0.7350

■ 55.6580, 28.4670,
29.2590

■ 106.0380, -3.1630,
-3.2510

■ 48.7450, 32.7760,
33.7680

■ 112.9510, -7.4720,
-7.7600

■ 42.4190, 36.8100,
37.7540

■ 119.2770,
-11.5060, -11.7460

■ 37.3810, 39.9730,
41.0050

■ 125.6030,
-15.5400, -15.7320

■ 131.8150,
-19.2530, -20.0290

■ 138.1410,
-23.2870, -24.0150

Harmonies

Analogous

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



80.3780, -0.6440, 11.6760



80.8480, 12.6520, 13.0040



80.3450, 21.3180, 10.1340

Triad

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



80.8480, 12.6520, 13.0040



77.1890, 12.2890, -7.9590



70.5100, -36.9070, -8.4510

Complementary

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



80.8480, 12.6520, 13.0040



89.1520, -12.6520, -13.0040

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.



70.9960, -29.7080, -12.2680



80.8480, 12.6520, 13.0040



75.4370, -0.2730, -11.5770

Square

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



80.8480, 12.6520, 13.0040



78.3690, 20.7700, -1.9660



73.4830, -15.0820, -13.0180



73.9610, -30.6270, -1.1150

Rectangle

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



80.8480, 12.6520, 13.0040



79.9060, 23.9320, 6.8120



73.4830, -15.0820, -13.0180



70.0540, -35.6230, -9.6950

Sweetspot

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



80.8480, 12.6520, 13.0040



124.2120, 5.4550, 5.7670



76.2360, -3.1200, 12.4960



60.9620, 3.1630, 3.2510



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.



80.8480, 12.6520, 13.0040



100.8970, 20.1240, 20.7640



79.0240, 17.7880, 8.0280



47.8370, 2.0170, 1.9930



42.5930, 45.4280, 46.7720



89.5720, 95.7610, 98.2650

Inverse Universe

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



80.8480, 12.6520, 13.0040



100.8970, 20.1240, 20.7640



90.9760, -17.7880, -8.0280



47.8370, 2.0170, 1.9930



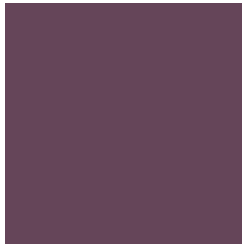
42.5930, 45.4280, 46.7720



89.5720, 95.7610, 98.2650

Previews

White Background



This preview shows how the YIQ color 80.8480, 12.6520, 13.0040 looks on a white background.

Color Contrast Check

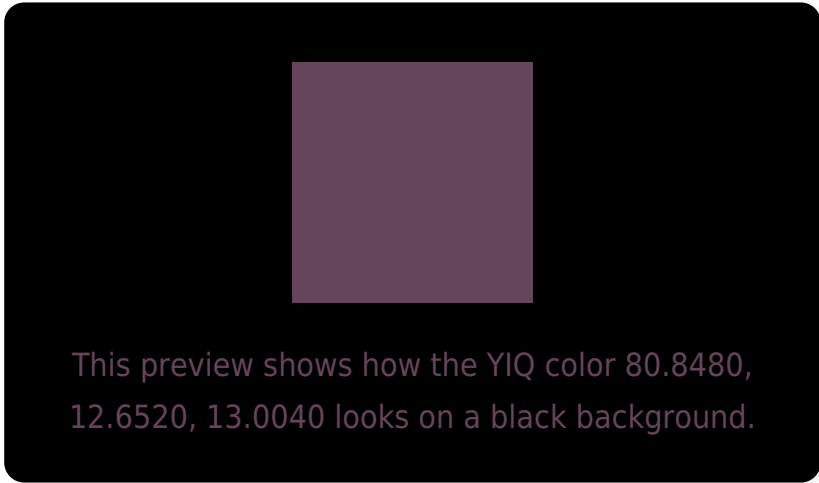
Large Text (above 18pt) WCAG AA ✓ Pass

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 80.8480, 12.6520, 13.0040

Background



This preview shows how black text looks on a background with the YIQ color 80.8480, 12.6520, 13.0040.



This preview shows how white text looks on a background with the YIQ color 80.8480, 12.6520,

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

80.8480, 12.6520, 13.0040

Protanopia

79.0410, -7.2450, 4.6510

Deuteranopia

80.0480, 0.0450, 4.6930



Tritanopia

80.3550, 15.3580, 8.0140

Trichromacy



Original Color

80.8480, 12.6520, 13.0040

Protanomaly

79.7430, -0.4140, 7.5060

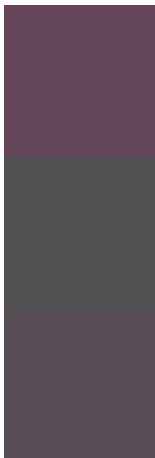
Deuteranomaly

80.3800, 5.0420, 7.7460

Tritanomaly

80.2240, 14.3490, 9.7810

Monochromacy



Original Color

80.8480, 12.6520, 13.0040

Achromatopsia

81.0000, -0.0000, 0.0000

Achromatomaly

81.0870, 4.3090, 4.5090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 80.8480, 12.6520, 13.0040 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(101, 69, 89)` looks like.

```
.text, #text, p{  
    color:rgb(101, 69, 89)  
}
```

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(101, 69, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 69, 89) }
```

Border

The CSS property to change the border of an element to YIQ 80.8480, 12.6520, 13.0040 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(101, 69, 89) }
```


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

```
.border{ border-color:rgb(101, 69, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 69, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 69, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 69, 89);  
box-shadow:4px 4px 4px 4px rgb(101, 69,  
89) }
```

Background

The CSS property to change the background color of an element to YIQ 80.8480, 12.6520, 13.0040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 69, 89) }
```

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

```
.background{ background-color: rgb(101, 69,  
89) }
```

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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