

Converting Colors

YIQ(80.0430, 25.9450, 30.9130)

Have a look what the booklet for
YIQ(80.0430, 25.9450, 30.9130)
contains.

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Color

**YIQ(80.0430, 25.9450,
30.9130)**

Conversions

Conversions Part 1

Format	Color
Hex	7C3568
RGB	124, 53, 104
RGB Percent	49%, 21%, 41%
CMY	0.5135, 0.7923, 0.5921
CMYK	0.00, 0.57, 0.16, 0.51
HSL	317°, 40%, 35%
HSV	317°, 57%, 49%
XYZ	12.0908, 7.8322, 13.9755
YIQ	80.0430, 25.9450, 30.9130

Conversions

Conversions Part 2

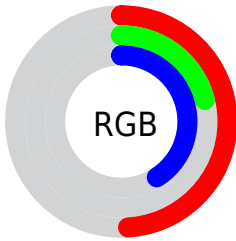
Format	Color
R_{YB}	124, 53, 104
Decimal	8140136
CIE _{Lab}	33.63, 37.54, -15.32
CIE _{LCh}	34, 40.542, 337.804
Yxy	7.8322, 0.3567, 0.2310
Android (android.graphics.Color)	4286330216 (0xFF7C3568)
YUV	80.0430, 11.8108, 38.5503
Hunter-Lab	27.9861, 28.1418, -10.0176

Details

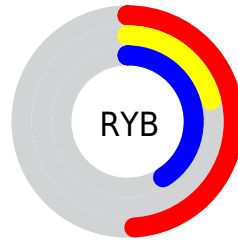
The YIQ color **80.0430, 25.9450, 30.9130** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **96.9570, -25.9450, -30.9130**, and the grayscale version is **80.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **131.3530, 28.0080, 32.0720**, and **28.0260, 24.6150, 32.9910** is the 20% darker color. If you saturate the color by 10%, you get **72.6570, 30.2080, 36.2560**, and if you desaturate by 10%, it is **87.5430, 21.3610, 25.8810**.

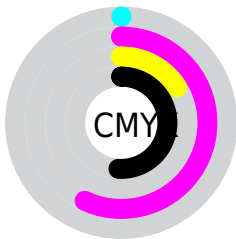
Distribution



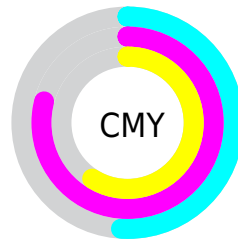
- Red (49%)
- Green (21%)
- Blue (41%)



- Red (49%)
- Yellow (21%)
- Blue (41%)



- Cyan (0%)
- Magenta (57%)
- Yellow (16%)
- Black (51%)



- Cyan (51%)
- Magenta (79%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 80.0430, 25.9450, 30.9130 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 80.0430, 25.9450, 30.9130 by changing the saturation by 10% instead.

80.0430, 25.9450,
30.9130

80.0430, 25.9450,
30.9130

255.0000, -0.0000,
-0.0000

54.8580, 25.0280,
31.0120

131.3530, 28.0080,
32.0720

28.3250, 25.2110,
33.2030

158.3640, 29.4750,
33.0190

18.6410, 17.9690,
21.2730

186.0760, 30.3460,
33.7540

6.9350, 7.7930,
7.4490

210.7980, 25.2570,
32.3690

0.0000, 0.0000,
0.0000

229.1720, 12.1000,
23.0120

246.1950, 4.1250,

7.8450

■ 80.0430, 25.9450,
30.9130

■ 80.0430, 25.9450,
30.9130

■ 72.6570, 30.2080,
36.2560

■ 87.5430, 21.3610,
25.8810

■ 64.5700, 35.0670,
41.8110

■ 95.5160, 16.8230,
20.0150

■ 57.1840, 39.3300,
47.1540

■ 103.0160, 12.2390,
14.9830

■ 49.0970, 44.1890,
52.7090

■ 110.9890, 7.7010,
9.1170

■ 47.2220, 45.3350,
53.9670

■ 118.4890, 3.1170,
4.0850

■ 125.8750, -1.1460,
-1.2580

■ 133.8480, -5.6840,
-7.1240

■ 141.3480,
-10.2680, -12.1560

■ 149.3210,
-14.8060, -18.0220

Harmonies

Analogous

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



81.3580, -5.9190, 24.6810



80.0430, 25.9450, 30.9130



76.7600, 45.6150, 26.8550

Triad

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



80.0430, 25.9450, 30.9130



73.4290, 28.5680, -22.1520



68.0430, -63.4530, -11.9410

Complementary

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



80.0430, 25.9450, 30.9130



96.9570, -25.9450, -30.9130

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.



65.0960, -53.7770, -22.1050



80.0430, 25.9450, 30.9130



70.2390, -0.3160, -27.3240

Square

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



80.0430, 25.9450, 30.9130



76.4130, 43.8330, -6.9430



60.6330, -42.5880, -32.1560



67.9750, -68.7730, -3.6290

Rectangle

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



80.0430, 25.9450, 30.9130



76.7030, 49.7890, 17.2850



60.6330, -42.5880, -32.1560



67.4900, -60.5180, -15.5740

Sweetspot

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



80.0430, 25.9450, 30.9130



143.6520, 10.2680, 12.1560



66.7750, -11.4670, 26.1090



71.4510, 6.2800, 7.3360



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



80.0430, 25.9450, 30.9130



92.1950, 40.7970, 48.1010



76.1670, 36.8590, 20.3390



57.2500, 2.2920, 2.5160



47.6350, 45.6100, 54.4900



95.9820, 92.0910, 109.7150

Inverse Universe

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



80.0430, 25.9450, 30.9130



92.1950, 40.7970, 48.1010



100.8330, -36.8590, -20.3390



57.2500, 2.2920, 2.5160



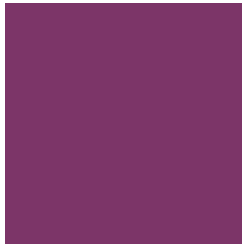
47.6350, 45.6100, 54.4900



95.9820, 92.0910, 109.7150

Previews

White Background



This preview shows how the YIQ color 80.0430, 25.9450, 30.9130 looks on a white background.

Color Contrast Check

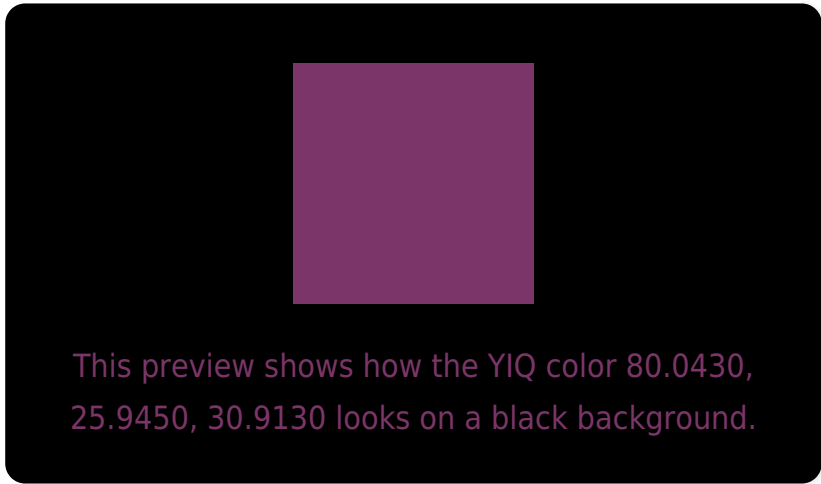
Large Text (above 18pt) WCAG AA ✓ Pass

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

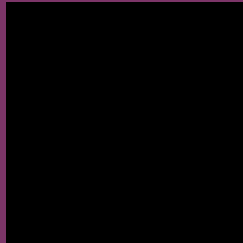
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 80.0430, 25.9450, 30.9130

Background



This preview shows how black text looks on a background with the YIQ color 80.0430, 25.9450, 30.9130.



This preview shows how white text looks on a background with the YIQ color 80.0430, 25.9450,

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

80.0430, 25.9450, 30.9130

Protanopia

78.7590, -23.7060, 11.1260

Deuteranopia

80.2090, -7.6580, 6.6300



Tritanopia

79.7980, 33.2840, 13.5400

Trichromacy



Original Color

80.0430, 25.9450, 30.9130

Protanomaly

79.2560, -5.8720, 18.3200

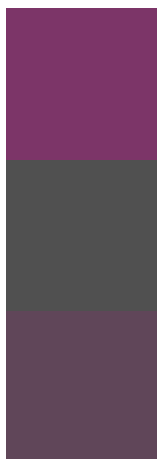
Deuteranomaly

80.1230, 4.6280, 15.2520

Tritanomaly

79.9320, 30.2110, 19.6750

Monochromacy



Original Color

80.0430, 25.9450, 30.9130

Achromatopsia

80.0000, 0.0000, -0.0000

Achromatomaly

79.9400, 9.3970, 11.4210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 80.0430, 25.9450, 30.9130 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(124, 53, 104)` looks like.

```
.text, #text, p{  
    color:rgb(124, 53, 104)  
}
```

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(124, 53, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 53, 104) }
```

Border

The CSS property to change the border of an element to YIQ 80.0430, 25.9450, 30.9130 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(124, 53, 104) }
```


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

```
.border{ border-color:rgb(124, 53, 104) }
```

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

Here you see how a box with a 4 pixel rgb(124, 53, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 53, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 53, 104);  
box-shadow:4px 4px 4px 4px rgb(124, 53,  
104) }
```

Background

The CSS property to change the background color of an element to YIQ 80.0430, 25.9450, 30.9130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 53, 104) }
```

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

```
.background{ background-color: rgb(124, 53,  
104) }
```

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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