

Converting Colors

YIQ(66.1030, 25.7160, 29.5560)

Have a look what the booklet for
YIQ(66.1030, 25.7160, 29.5560)
contains.

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Color

**YIQ(66.1030, 25.7160,
29.5560)**

Conversions

Conversions Part 1

Format	Color
Hex	6D2858
RGB	109, 40, 88
RGB Percent	43%, 16%, 35%
CMY	0.5724, 0.8432, 0.6548
CMYK	0.00, 0.63, 0.19, 0.57
HSL	318°, 46%, 29%
HSV	318°, 63%, 43%
XYZ	8.8327, 5.4748, 9.8273
YIQ	66.1030, 25.7160, 29.5560

Conversions

Conversions Part 2

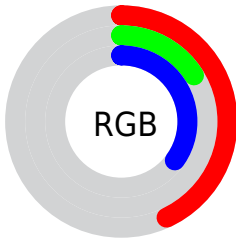
Format	Color
RYB	109, 40, 88
Decimal	7153752
CIELab	28.05, 36.62, -13.77
CIElCh	28, 39.122, 339.392
Yxy	5.4748, 0.3660, 0.2268
Android (android.graphics.Color)	4285343832 (0xFF6D2858)
YUV	66.1030, 10.7952, 37.6207
Hunter-Lab	23.3984, 26.4353, -8.5230




Details

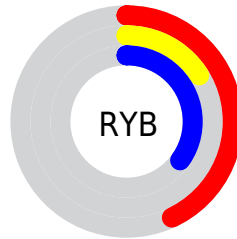
The YIQ color **66.1030, 25.7160, 29.5560** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **82.8970, -25.7160, -29.5560**, and the grayscale version is **66.0000, -0.0000, -0.0000**.




A 20% lighter version of the original color is **117.2990, 28.1000, 30.4040**, and **22.1300, 21.0860, 25.3580** is the 20% darker color. If you saturate the color by 10%, you get **59.3040, 29.7040, 34.3760**, and if you desaturate by 10%, it is **72.9020, 21.7280, 24.7360**.

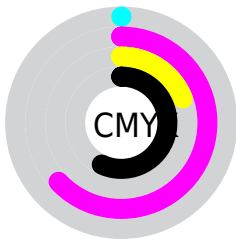
Distribution







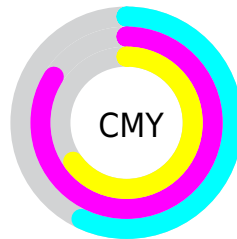
-  Red (43%)
-  Green (16%)
-  Blue (35%)






-  Red (43%)
-  Yellow (16%)
-  Blue (35%)



-  Cyan (0%)
-  Magenta (63%)
-  Yellow (19%)
-  Black (57%)



-  Cyan (57%)
-  Magenta (84%)
-  Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 66.1030, 25.7160, 29.5560 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 66.1030, 25.7160, 29.5560 by changing the saturation by 10% instead.

66.1030, 25.7160,
29.5560

66.1030, 25.7160,
29.5560

255.0000, -0.0000,
-0.0000

39.8580, 25.0280,
31.0120

117.2990, 28.1000,
30.4040

22.1300, 21.0860,
25.3580

143.0110, 28.9710,
31.1390

13.5710, 14.9900,
14.6860

170.7230, 29.8420,
31.8740

0.0000, 0.0000,
0.0000

198.3210, 31.0340,
32.2980

219.5690, 18.4720,
28.6800

237.3900, 8.2500,

15.6900

254.4130, 0.2750,
0.5230

■ 66.1030, 25.7160,
29.5560

■ 66.1030, 25.7160,
29.5560

■ 59.3040, 29.7040,
34.3760

■ 72.9020, 21.7280,
24.7360

■ 52.3910, 34.0130,
38.8850

■ 79.8150, 17.4190,
20.2270

■ 45.5920, 38.0010,
43.7050

■ 86.6140, 13.4310,
15.4070

■ 41.2550, 40.5680,
46.7440

■ 93.4130, 9.4430,
10.5870

■ 99.7390, 5.4090,
6.6010

■ 106.5380, 1.4210,
1.7810

■ 113.3370, -2.5670,
-3.0390

■ 120.2500, -6.8760,
-7.5480

■ 127.0490,
-10.8640, -12.3680

Harmonies

Analogous

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



68.2010, -4.0390, 23.6490



66.1030, 25.7160, 29.5560



63.0370, 43.2770, 25.1730

Triad

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



66.1030, 25.7160, 29.5560



61.4440, 24.2120, -20.3000



58.2290, -55.1090, -8.9730

Complementary

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



66.1030, 25.7160, 29.5560



82.8970, -25.7160, -29.5560

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.



55.5100, -46.0750, -18.5150



66.1030, 25.7160, 29.5560



57.2820, -1.8750, -26.6030

Square

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



66.1030, 25.7160, 29.5560



62.9180, 40.8530, -8.0030



51.3890, -35.8490, -27.6330



57.9330, -59.7870, -1.2830

Rectangle

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



66.1030, 25.7160, 29.5560



63.2080, 46.8090, 16.2250



51.3890, -35.8490, -27.6330



57.7900, -52.4950, -12.2950

Sweetspot

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



66.1030, 25.7160, 29.5560



126.2390, 9.9930, 11.6330



54.1450, -9.6330, 25.9110



61.0380, 6.0050, 6.8130



199.0000, -0.0000, 0.0000



71.0000, -0.0000, -0.0000

Same Dimension

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



66.1030, 25.7160, 29.5560



75.2550, 40.5680, 46.7440



62.2270, 36.6300, 18.9820



50.2500, 2.2920, 2.5160



44.3310, 43.4100, 50.3060



92.6350, 91.4500, 104.8100

Inverse Universe

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



66.1030, 25.7160, 29.5560



75.2550, 40.5680, 46.7440



86.7730, -36.6300, -18.9820



50.2500, 2.2920, 2.5160



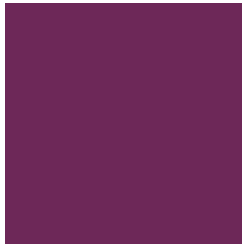
44.3310, 43.4100, 50.3060



92.6350, 91.4500, 104.8100

Previews

White Background



This preview shows how the YIQ color 66.1030, 25.7160, 29.5560 looks on a white background.

Color Contrast Check

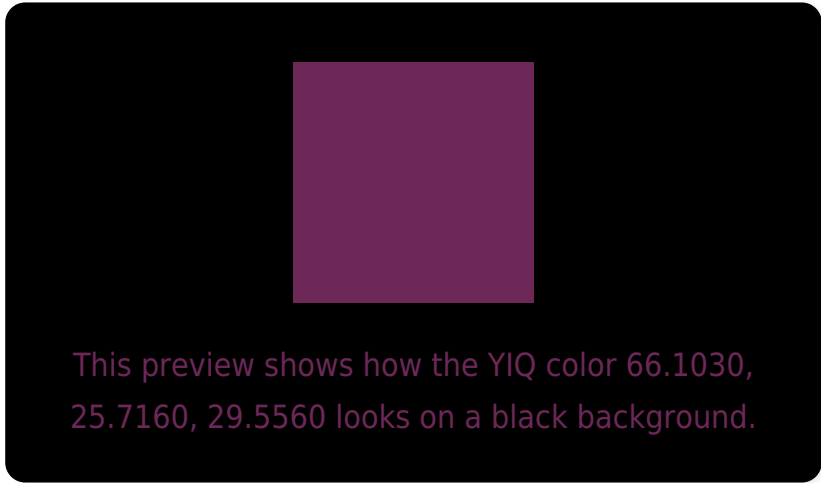
Large Text (above 18pt) WCAG AA ✓ Pass

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

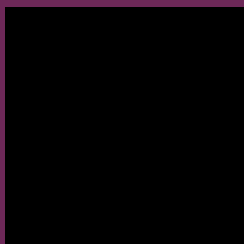
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 66.1030, 25.7160, 29.5560

Background



This preview shows how black text looks on a background with the YIQ color 66.1030, 25.7160, 29.5560.



This preview shows how white text looks on a background with the YIQ color 66.1030, 25.7160,

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

66.1030, 25.7160, 29.5560

Protanopia

66.3030, -22.4220, 9.8820

Deuteranopia

67.7530, -6.3740, 5.3860



Tritanopia

66.4990, 32.6880, 13.3280

Trichromacy



Original Color

66.1030, 25.7160, 29.5560

Protanomaly

66.5010, -5.1840, 16.8640

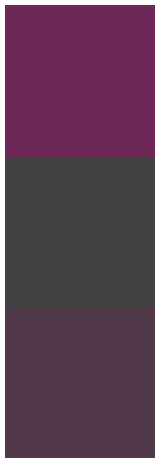
Deuteranomaly

67.3680, 5.3160, 13.7960

Tritanomaly

66.5190, 29.9360, 19.1520

Monochromacy



Original Color

66.1030, 25.7160, 29.5560

Achromatopsia

66.0000, -0.0000, -0.0000

Achromatomaly

66.4130, 9.4430, 10.5870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 66.1030, 25.7160, 29.5560 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(109, 40, 88)` looks like.

```
.text, #text, p{  
    color:rgb(109, 40, 88)  
}
```

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(109, 40, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 40, 88) }
```

Border

The CSS property to change the border of an element to YIQ 66.1030, 25.7160, 29.5560 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(109, 40, 88) }
```


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

```
.border{ border-color:rgb(109, 40, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 40, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 40, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 40, 88);  
box-shadow:4px 4px 4px 4px rgb(109, 40,  
88) }
```

Background

The CSS property to change the background color of an element to YIQ 66.1030, 25.7160, 29.5560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 40, 88) }
```

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

```
.background{ background-color: rgb(109, 40,  
88) }
```

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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