

Converting Colors

YIQ(51.2410, 35.1560, 56.7240)

Have a look what the booklet for
YIQ(51.2410, 35.1560, 56.7240)
contains.

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Color

**YIQ(51.2410, 35.1560,
56.7240)**

Conversions

Conversions Part 1

Format	Color
Hex	78056D
RGB	120, 5, 109
RGB Percent	47%, 2%, 43%
CMY	0.5291, 0.9805, 0.5725
CMYK	0.00, 0.96, 0.09, 0.53
HSL	306°, 92%, 25%
HSV	306°, 96%, 47%
XYZ	10.5726, 5.2112, 14.9209
YIQ	51.2410, 35.1560, 56.7240

Conversions

Conversions Part 2

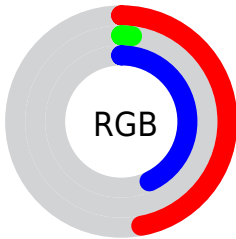
Format	Color
RYB	120, 5, 109
Decimal	7865709
CIELab	27.33, 53.71, -28.41
CIELCh	27, 60.756, 332.123
Yxy	5.2112, 0.3443, 0.1697
Android (android.graphics.Color)	4286055789 (0xFF78056D)
YUV	51.2410, 28.4752, 60.3016
Hunter-Lab	22.8280, 42.7215, -22.7735

Details

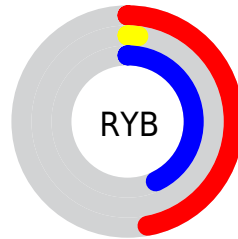
The YIQ color **51.2410, 35.1560, 56.7240** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **73.7590, -35.1560, -56.7240**, and the grayscale version is **51.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **112.6550, 33.6900, 50.2500**, and **26.9870, 20.3510, 33.1750** is the 20% darker color. If you saturate the color by 10%, you get **48.3060, 36.5310, 59.3390**, and if you desaturate by 10%, it is **58.3990, 31.5350, 50.7590**.

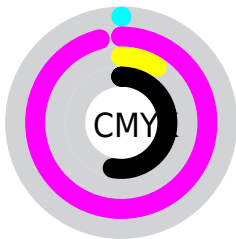
Distribution



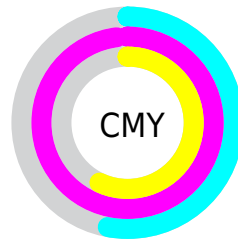
- Red (47%)
- Green (2%)
- Blue (43%)



- Red (47%)
- Yellow (2%)
- Blue (43%)



- Cyan (0%)
- Magenta (96%)
- Yellow (9%)
- Black (53%)



- Cyan (53%)
- Magenta (98%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 51.2410, 35.1560, 56.7240 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 51.2410, 35.1560, 56.7240 by changing the saturation by 10% instead.

■ 51.2410, 35.1560,
56.7240

■ 51.2410, 35.1560,
56.7240

■ 255.0000, -0.0000,
-0.0000

■ 37.3830, 28.4640,
45.8400

■ 112.6550, 33.6900,
50.2500

■ 26.9870, 20.3510,
33.1750

■ 139.9540, 34.2860,
50.4620

■ 17.3030, 13.1090,
21.2450

■ 167.6660, 35.1570,
51.1970

■ 2.2970, -5.0900,
4.1420


■ 193.9860, 31.2600,
50.2360


■ 0.0000, 0.0000,
0.0000


■ 211.5620, 20.3500,
38.7020


■ 227.9980, 12.6500,


24.0580

 245.0210, 4.6750,
8.8910


 51.2410, 35.1560,
56.7240


 51.2410, 35.1560,
56.7240


 48.3060, 36.5310,
59.3390

 58.3990, 31.5350,
50.7590

 65.5570, 27.9140,
44.7940

 72.7150, 24.2930,
38.8290

 79.9870, 20.3510,
33.1750

 87.1450, 16.7300,
27.2100

■ 94.3030, 13.1090,
21.2450

■ 101.4610, 9.4880,
15.2800

■ 108.6190, 5.8670,
9.3150

■ 115.7770, 2.2460,
3.3500

Harmonies

Analogous

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



63.2220, -25.7270, 31.2410



51.2410, 35.1560, 56.7240



49.4550, 63.4920, 49.7960

Triad

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



51.2410, 35.1560, 56.7240



60.5910, 28.2920, -17.1480



61.7170, -59.4190, -7.9550

Complementary

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



51.2410, 35.1560, 56.7240



73.7590, -35.1560, -56.7240

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.



56.3590, -44.3320, -22.5720



51.2410, 35.1560, 56.7240



52.0980, -4.5330, -33.5010

Square

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



51.2410, 35.1560, 56.7240



59.0280, 55.5230, 1.4670



48.6700, -26.8150, -37.1750



63.8320, -69.5080, 4.1880

Rectangle

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



51.2410, 35.1560, 56.7240



45.6220, 72.8470, 39.9430



48.6700, -26.8150, -37.1750



60.0070, -54.6040, -12.6200

Sweetspot

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



51.2410, 35.1560, 56.7240



128.4280, 14.2550, 22.5030



21.1000, -30.9550, 37.8850



62.2220, 8.6630, 13.7110



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



51.2410, 35.1560, 56.7240



62.7180, 47.7150, 76.9230



44.8570, 53.1320, 39.3080



57.4780, 1.6500, 3.1380



50.2570, 38.2270, 61.6430



101.3400, 77.0040, 124.3320

Inverse Universe

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



51.2410, 35.1560, 56.7240



62.7180, 47.7150, 76.9230



80.1430, -53.1320, -39.3080



57.4780, 1.6500, 3.1380



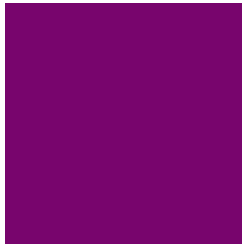
50.2570, 38.2270, 61.6430



101.3400, 77.0040, 124.3320

Previews

White Background



This preview shows how the YIQ color 51.2410, 35.1560, 56.7240 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

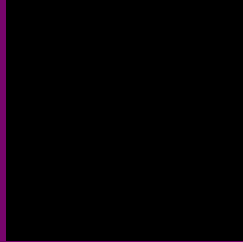
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 51.2410, 35.1560, 56.7240

Background



This preview shows how black text looks on a background with the YIQ color 51.2410, 35.1560, 56.7240.



This preview shows how white text looks on a background with the YIQ color 51.2410, 35.1560,

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

51.2410, 35.1560, 56.7240

Protanopia

53.8870, -62.1730, 8.9230

Deuteranopia

66.2060, -20.7710, 7.4930



Tritanopia

64.5710, 41.3530, 15.9850

Trichromacy



Original Color

51.2410, 35.1560, 56.7240

Protanomaly

52.8750, -26.3680, 26.3360

Deuteranomaly

60.5220, -0.5090, 25.7550

Tritanomaly

59.5730, 39.0120, 30.8840

Monochromacy



Original Color

51.2410, 35.1560, 56.7240

Achromatopsia

51.0000, -0.0000, -0.0000

Achromatomaly

50.8900, 12.8340, 20.7220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 51.2410, 35.1560, 56.7240 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(120, 5, 109)` looks like.

```
.text, #text, p{  
    color:rgb(120, 5, 109)  
}
```

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(120, 5, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 5, 109) }
```

Border

The CSS property to change the border of an element to YIQ 51.2410, 35.1560, 56.7240 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(120, 5, 109) }
```


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

```
.border{ border-color:rgb(120, 5, 109) }
```

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

Here you see how a box with a 4 pixel rgb(120, 5, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 5, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 5, 109);  
box-shadow:4px 4px 4px 4px rgb(120, 5,  
109) }
```

Background

The CSS property to change the background color of an element to YIQ 51.2410, 35.1560, 56.7240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 5, 109) }
```

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

```
.background{ background-color: rgb(120, 5,  
109) }
```

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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