

Converting Colors

YIQ(52.5350, 16.9530, 61.7290)

Have a look what the booklet for
YIQ(52.5350, 16.9530, 61.7290)
contains.

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Color

**YIQ(52.5350, 16.9530,
61.7290)**

Conversions

Conversions Part 1

Format	Color
Hex	6B088B
RGB	107, 8, 139
RGB Percent	42%, 3%, 55%
CMY	0.5801, 0.9688, 0.4549
CMYK	0.23, 0.94, 0.00, 0.45
HSL	285°, 89%, 29%
HSV	285°, 94%, 55%
XYZ	10.8191, 5.1674, 24.8499
YIQ	52.5350, 16.9530, 61.7290

Conversions

Conversions Part 2

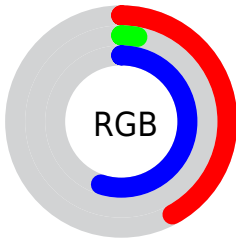
Format	Color
R_{YB}	107, 8, 139
Decimal	7014539
CIE _{Lab}	27.21, 56.08, -47.73
CIE _{LCh}	27, 73.644, 319.602
Yxy	5.1674, 0.2649, 0.1265
Android (android.graphics.Color)	4285204619 (0xFF6B088B)
YUV	52.5350, 42.6272, 47.7658
Hunter-Lab	22.7319, 45.1747, -48.9019

Details

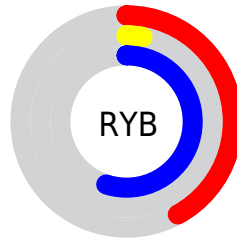
The YIQ color **52.5350, 16.9530, 61.7290** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **94.4650, -16.9530, -61.7290**, and the grayscale version is **52.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **112.7040, 14.7990, 56.7110**, and **25.8790, 3.3400, 38.6040** is the 20% darker color. If you saturate the color by 10%, you get **47.2410, 17.9610, 65.4890**, and if you desaturate by 10%, it is **61.6500, 14.8910, 55.0430**.

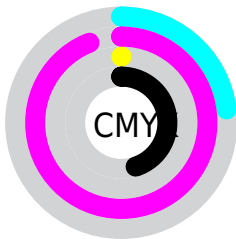
Distribution



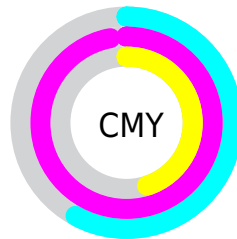
- Red (42%)
- Green (3%)
- Blue (55%)



- Red (42%)
- Yellow (3%)
- Blue (55%)



- Cyan (23%)
- Magenta (94%)
- Yellow (0%)
- Black (45%)



- Cyan (58%)
- Magenta (97%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 52.5350, 16.9530, 61.7290 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 52.5350, 16.9530, 61.7290 by changing the saturation by 10% instead.

■ 52.5350, 16.9530,
61.7290

■ 52.5350, 16.9530,
61.7290

■ 255.0000, -0.0000,
-0.0000

■ 36.8020, 11.4070,
52.1030

■ 113.0030, 15.3950,
56.9230

■ 25.8790, 3.3400,
38.6040

■ 139.9430, 15.6240,
58.2800

■ 15.6680, -3.8560,
25.8400

■ 167.6550, 16.4950,
59.0150

■ 5.8480, -13.7110,
11.7050

■ 193.6310, 25.0700,
52.2860


■ 2.6390, -6.0530,
5.0750


■ 211.5620, 20.3500,
38.7020


■ 0.0000, 0.0000,
0.0000


■ 227.9980, 12.6500,


24.0580


 245.0210, 4.6750,
8.8910


 52.5350, 16.9530,
61.7290

 52.5350, 16.9530,
61.7290


 47.2410, 17.9610,
65.4890

 61.6500, 14.8910,
55.0430

 71.0640, 13.4250,
48.5690

 80.1790, 11.3630,
41.8830

 89.5930, 9.8970,
35.4090

 98.1210, 8.1100,
29.2460

■ 107.2360, 6.0480,
22.5600

■ 116.6500, 4.5820,
16.0860

■ 125.7650, 2.5200,
9.4000

■ 135.1790, 1.0540,
2.9260

Harmonies

Analogous

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



55.0560, -72.3540, 22.7340



52.5350, 16.9530, 61.7290



54.3550, 61.1980, 58.3340

Triad

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



52.5350, 16.9530, 61.7290



60.9890, 42.0910, -8.4130



61.4090, -55.7960, -13.0440

Complementary

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



52.5350, 16.9530, 61.7290



94.4650, -16.9530, -61.7290

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.



53.5090, -36.3070, -30.3470



52.5350, 16.9530, 61.7290



55.7080, 5.5530, -29.0630

Square

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



52.5350, 16.9530, 61.7290



44.4630, 77.0680, 24.0120



46.9600, -22.0000, -41.8400



67.1090, -71.8460, 2.5060

Rectangle

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



52.5350, 16.9530, 61.7290



52.3440, 76.9260, 48.6220



46.9600, -22.0000, -41.8400



59.2430, -49.6970, -18.9530

Sweetspot

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



52.5350, 16.9530, 61.7290



147.4750, 6.8730, 24.1290



42.3050, -51.1260, 23.4820



71.4110, 3.7570, 14.5170



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



52.5350, 16.9530, 61.7290



61.5970, 23.5510, 85.3350



58.3410, 46.6180, 58.2500



64.2930, 0.7330, 3.2370



45.0620, 16.9070, 62.5630



1.7660, 0.7790, 2.4030

Inverse Universe

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



50.8170, 67.8040, 37.7240



59.1350, 93.7520, 52.0560



88.6590, -46.6180, -58.2500



64.3210, 3.5300, 2.1060



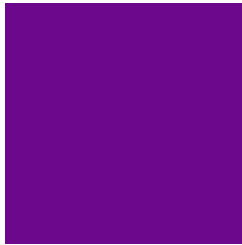
43.4150, 68.9960, 38.1480



1.6090, 2.6590, 1.3710

Previews

White Background



This preview shows how the YIQ color 52.5350, 16.9530, 61.7290 looks on a white background.

Color Contrast Check

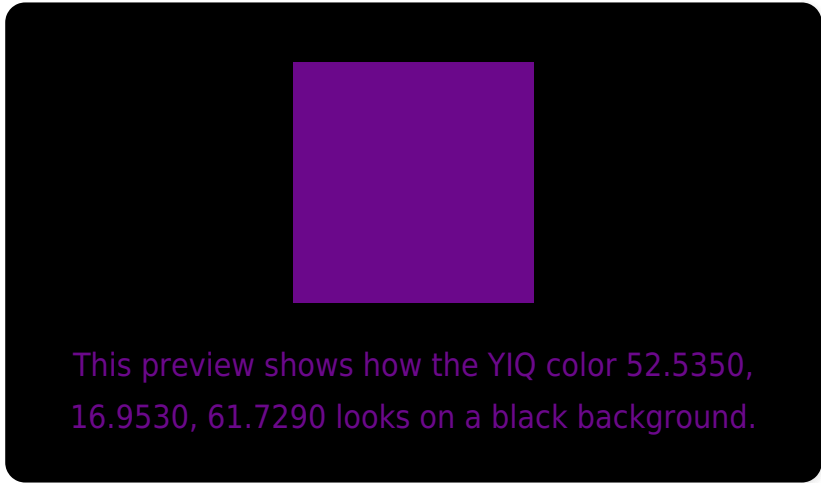
Large Text (above 18pt) WCAG AA ✓ Pass

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

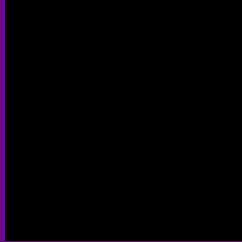
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 52.5350, 16.9530, 61.7290

Background



This preview shows how black text looks on a background with the YIQ color 52.5350, 16.9530, 61.7290.



This preview shows how white text looks on a background with the YIQ color 52.5350, 16.9530,

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

52.5350, 16.9530, 61.7290

Protanopia

53.0720, -61.2560, 8.8240

Deuteranopia

53.4820, -56.8990, 1.4450



Tritanopia

67.4160, 22.5560, 9.7240

Trichromacy



Original Color

52.5350, 16.9530, 61.7290

Protanomaly

53.1070, -32.8330, 27.8630

Deuteranomaly

53.0270, -29.8520, 23.3960

Tritanomaly

61.9390, 20.3060, 28.4820

Monochromacy



Original Color

52.5350, 16.9530, 61.7290

Achromatopsia

53.0000, -0.0000, -0.0000

Achromatomaly

53.1220, 6.3690, 22.2490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 52.5350, 16.9530, 61.7290 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(107, 8, 139)` looks like.

```
.text, #text, p{  
    color:rgb(107, 8, 139)  
}
```

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(107, 8, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 8, 139) }
```

Border

The CSS property to change the border of an element to YIQ 52.5350, 16.9530, 61.7290 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(107, 8, 139) }
```


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

```
.border{ border-color:rgb(107, 8, 139) }
```

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

Here you see how a box with a 4 pixel rgb(107, 8, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 8, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 8, 139);  
box-shadow:4px 4px 4px 4px rgb(107, 8,  
139) }
```

Background

The CSS property to change the background color of an element to YIQ 52.5350, 16.9530, 61.7290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 8, 139) }
```

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

```
.background{ background-color: rgb(107, 8,  
139) }
```

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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