

Converting Colors

YIQ(50.5340, 26.7210, 49.8970)

Have a look what the booklet for
YIQ(50.5340, 26.7210, 49.8970)
contains.

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Color

**YIQ(50.5340, 26.7210,
49.8970)**

Conversions

Conversions Part 1

Format	Color
Hex	6B0B6A
RGB	107, 11, 106
RGB Percent	42%, 4%, 42%
CMY	0.5801, 0.9570, 0.5843
CMYK	0.00, 0.90, 0.01, 0.58
HSL	301°, 81%, 23%
HSV	301°, 90%, 42%
XYZ	8.7934, 4.4096, 14.0256
YIQ	50.5340, 26.7210, 49.8970

Conversions

Conversions Part 2

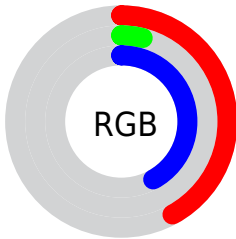
Format	Color
R_{YB}	107, 11, 106
Decimal	7015274
CIE Lab	24.98, 49.49, -30.35
CIE LCh	25, 58.058, 328.484
Yxy	4.4096, 0.3229, 0.1619
Android (android.graphics.Color)	4285205354 (0xFF6B0B6A)
YUV	50.5340, 27.3447, 49.5207
Hunter-Lab	20.9989, 37.9995, -24.9017




Details

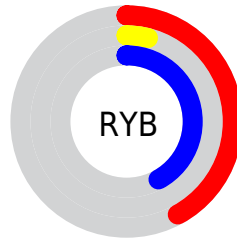
The YIQ color **50.5340, 26.7210, 49.8970** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **67.4660, -26.7210, -49.8970**, and the grayscale version is **50.0000, -0.0000, -0.0000**.




A 20% lighter version of the original color is **107.2410, 25.9880, 46.6600**, and **23.3560, 14.7580, 29.9100** is the 20% darker color. If you saturate the color by 10%, you get **44.0770, 29.7460, 55.6500**, and if you desaturate by 10%, it is **56.9910, 23.6960, 44.1440**.

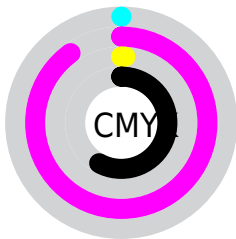
Distribution







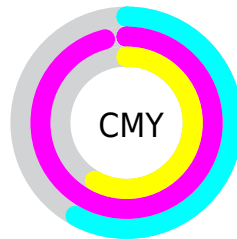
-  Red (42%)
-  Green (4%)
-  Blue (42%)






-  Red (42%)
-  Yellow (4%)
-  Blue (42%)



-  Cyan (0%)
-  Magenta (90%)
-  Yellow (1%)
-  Black (58%)



-  Cyan (58%)
-  Magenta (96%)
-  Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 50.5340, 26.7210, 49.8970 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 50.5340, 26.7210, 49.8970 by changing the saturation by 10% instead.

50.5340, 26.7210,
49.8970

50.5340, 26.7210,
49.8970

255.0000, -0.0000,
-0.0000

33.4530, 22.2750,
42.3630

107.2410, 25.9880,
46.6600

23.3560, 14.7580,
29.9100

134.8390, 27.1800,
47.0840

13.3730, 6.9200,
17.7680

161.6650, 27.7300,
48.1300

1.2540, -3.5310,
3.4210

190.2630, 28.9220,
48.5540


0.0000, 0.0000,
0.0000


209.8010, 21.1750,
40.2710


226.8240, 13.2000,


25.1040


 243.2600, 5.5000,
10.4600


 50.5340, 26.7210,
49.8970


 50.5340, 26.7210,
49.8970


 44.0770, 29.7460,
55.6500

 56.9910, 23.6960,
44.1440

 62.8610, 20.9460,
38.9140

 69.3180, 17.9210,
33.1610

 75.7750, 14.8960,
27.4080

 82.3460, 11.5500,
21.9660

■ 88.2160, 8.8000,
16.7360

■ 94.6730, 5.7750,
10.9830

■ 101.1300, 2.7500,
5.2300

■ 107.0000, -0.0000,
0.0000

Harmonies

Analogous

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



55.5690, -34.2540, 26.0820



50.5340, 26.7210, 49.8970



46.4650, 57.5320, 47.6760

Triad

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



50.5340, 26.7210, 49.8970



56.1830, 29.6210, -13.6990



56.5990, -53.2750, -9.1710

Complementary

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



50.5340, 26.7210, 49.8970



67.4660, -26.7210, -49.8970

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.



50.9960, -38.8760, -22.3320



50.5340, 26.7210, 49.8970



49.1850, -0.2240, -28.9920

Square

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



50.5340, 26.7210, 49.8970



53.4240, 54.4680, 4.0680



43.8940, -21.6340, -37.4580



59.4150, -63.9600, 2.7600

Rectangle

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



50.5340, 26.7210, 49.8970



43.4580, 67.4370, 38.8690



43.8940, -21.6340, -37.4580



55.0030, -48.7810, -13.5250

Sweetspot

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



50.5340, 26.7210, 49.8970



117.6940, 10.4500, 19.8740



21.9440, -30.8160, 29.8560



58.0860, 6.0500, 11.5060



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.



50.5340, 26.7210, 49.8970



57.7060, 38.8210, 72.9090



45.1760, 41.8080, 35.2800



50.3640, 1.9710, 2.8270



48.2070, 32.4960, 60.8800



100.8430, 68.3380, 127.2020

Inverse Universe

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



50.5340, 26.7210, 49.8970



57.7060, 38.8210, 72.9090



72.8240, -41.8080, -35.2800



50.3640, 1.9710, 2.8270



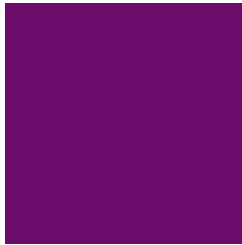
48.2070, 32.4960, 60.8800



100.8430, 68.3380, 127.2020

Previews

White Background



This preview shows how the YIQ color 50.5340, 26.7210, 49.8970 looks on a white background.

Color Contrast Check

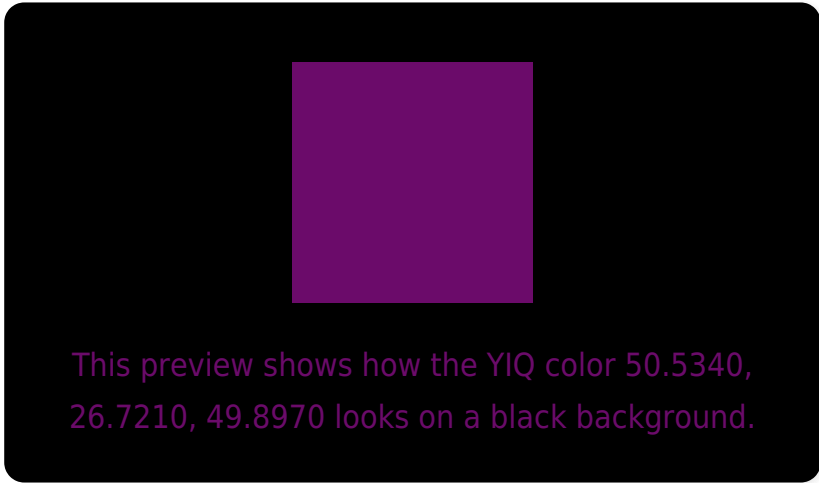
Large Text (above 18pt) WCAG AA ✓ Pass

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

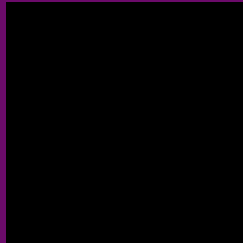
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 50.5340, 26.7210, 49.8970

Background



This preview shows how black text looks on a background with the YIQ color 50.5340, 26.7210, 49.8970.



This preview shows how white text looks on a background with the YIQ color 50.5340, 26.7210,

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

50.5340, 26.7210, 49.8970

Protanopia

49.5840, -56.9460, 7.8060

Deuteranopia

59.4550, -25.9060, 6.9420



Tritanopia

59.9830, 34.2010, 13.4410

Trichromacy



Original Color

50.5340, 26.7210, 49.8970

Protanomaly

49.8810, -26.5050, 23.3110

Deuteranomaly

56.0050, -6.4230, 22.8010

Tritanomaly

56.6320, 31.3560, 26.4600

Monochromacy



Original Color

50.5340, 26.7210, 49.8970

Achromatopsia

51.0000, -0.0000, -0.0000

Achromatomaly

50.4550, 9.6250, 18.3050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 50.5340, 26.7210, 49.8970 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, 11, 106)` looks like.

```
.text, #text, p{  
    color:rgb(107, 11, 106)  
}
```

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, 11, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 11, 106) }
```

Border

The CSS property to change the border of an element to YIQ 50.5340, 26.7210, 49.8970 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, 11, 106) }
```


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

```
.border{ border-color:rgb(107, 11, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 11, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 11, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 11, 106);  
box-shadow:4px 4px 4px 4px rgb(107, 11,  
106) }
```

Background

The CSS property to change the background color of an element to YIQ 50.5340, 26.7210, 49.8970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 11, 106) }
```

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

```
.background{ background-color: rgb(107, 11,  
106) }
```

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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