

Converting Colors

YIQ(49.5860, 2.6070, 35.3670)

Have a look what the booklet for
YIQ(49.5860, 2.6070, 35.3670)
contains.

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Color

**YIQ(49.5860, 2.6070,
35.3670)**

Conversions

Conversions Part 1

Format	Color
Hex	4A1A6B
RGB	74, 26, 107
RGB Percent	29%, 10%, 42%
CMY	0.7096, 0.8981, 0.5804
CMYK	0.31, 0.76, 0.00, 0.58
HSL	276°, 61%, 26%
HSV	276°, 76%, 42%
XYZ	5.8494, 3.2567, 14.2265
YIQ	49.5860, 2.6070, 35.3670

Conversions

Conversions Part 2

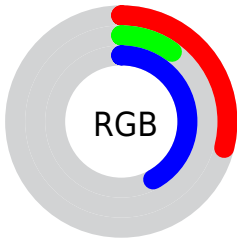
Format	Color
R_{YB}	74, 26, 107
Decimal	4856427
CIE _{Lab}	21.04, 37.73, -37.62
CIE _{LCh}	21, 53.282, 315.088
Yxy	3.2567, 0.2507, 0.1396
Android (android.graphics.Color)	4283046507 (0xFF4A1A6B)
YUV	49.5860, 28.3051, 21.4111
Hunter-Lab	18.0463, 26.2766, -34.1081

Details

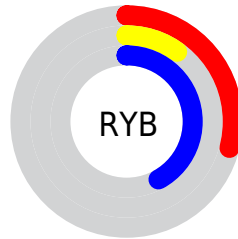
The YIQ color **49.5860, 2.6070, 35.3670** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **83.4140, -2.6070, -35.3670**, and the grayscale version is **49.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **99.2380, 3.7070, 37.4590**, and **15.0980, -2.2510, 24.2850** is the 20% darker color. If you saturate the color by 10%, you get **41.9330, 3.2480, 40.2720**, and if you desaturate by 10%, it is **57.2390, 1.9660, 30.4620**.

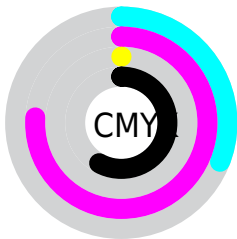
Distribution



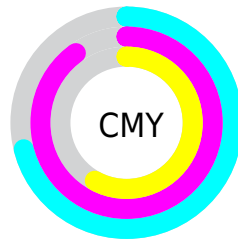
- Red (29%)
- Green (10%)
- Blue (42%)



- Red (29%)
- Yellow (10%)
- Blue (42%)



- Cyan (31%)
- Magenta (76%)
- Yellow (0%)
- Black (58%)



- Cyan (71%)
- Magenta (90%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 49.5860, 2.6070, 35.3670 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 49.5860, 2.6070, 35.3670 by changing the saturation by 10% instead.

■ 49.5860, 2.6070,
35.3670

■ 49.5860, 2.6070,
35.3670

■ 255.0000, -0.0000,
-0.0000

■ 23.9990, 2.8820,
35.8900

■ 99.2380, 3.7070,
37.4590

■ 15.0980, -2.2510,
24.2850

■ 125.0640, 4.2570,
38.5050

■ 5.2780, -12.1060,
10.1500

■ 151.8900, 4.8070,
39.5510

■ 1.3680, -3.8520,
3.7320

■ 178.8300, 5.0360,
40.9080

■ 0.0000, 0.0000,
0.0000


■ 205.3050, 10.7680,
36.1440


■ 226.2370, 13.4750,


25.6270


 243.2600, 5.5000,
10.4600


 49.5860, 2.6070,
35.3670


 49.5860, 2.6070,
35.3670


 41.9330, 3.2480,
40.2720


 57.2390, 1.9660,
30.4620


 34.5680, 3.0180,
44.4420

 64.6040, 2.1960,
26.2920

 31.0350, 3.2010,
46.6330

 72.2570, 1.5550,
21.3870

 79.9100, 0.9140,
16.4820

 87.2750, 1.1440,
12.3120

■ 94.9280, 0.5030,
7.4070

■ 102.8800, 0.4580,
2.7140

■ 110.5330, -0.1830,
-2.1910

■ 117.5990, -0.5490,
-6.5730

Harmonies

Analogous

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



43.3550, -54.5630, 14.1810



49.5860, 2.6070, 35.3670



40.5000, 41.2560, 45.2880

Triad

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



49.5860, 2.6070, 35.3670



48.2750, 35.5340, -5.2180



46.7220, -40.6200, -12.7480

Complementary

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



49.5860, 2.6070, 35.3670



83.4140, -2.6070, -35.3670

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.



41.4610, -27.1840, -24.9760



49.5860, 2.6070, 35.3670



45.7400, 11.6950, -19.2250

Square

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



49.5860, 2.6070, 35.3670



39.3140, 58.1340, 14.7260



36.3940, -17.0500, -32.4260



50.2390, -51.9010, -1.0290

Rectangle

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



49.5860, 2.6070, 35.3670



39.9280, 54.3700, 38.8980



36.3940, -17.0500, -32.4260



45.2400, -36.4470, -16.7910

Sweetspot

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



49.5860, 2.6070, 35.3670



117.3290, 1.0520, 13.9800



55.1920, -35.3510, 7.4090



56.8680, 0.7320, 8.7640



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.



49.5860, 2.6070, 35.3670



49.9030, 3.9330, 55.3970



58.6550, 24.5220, 40.1860



49.5810, -0.1380, 2.5020



34.2680, 4.1630, 51.2270



71.2850, 7.7750, 106.9350

Inverse Universe

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



53.9810, 37.6830, 27.4350



56.9010, 59.0000, 43.0960



74.3450, -24.5220, -40.1860



50.0220, 2.9340, 1.8940



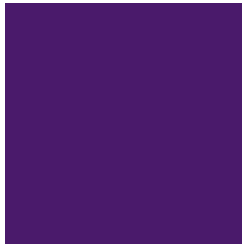
40.4550, 54.3240, 39.7320



84.6550, 113.9200, 83.0400

Previews

White Background



This preview shows how the YIQ color 49.5860, 2.6070, 35.3670 looks on a white background.

Color Contrast Check

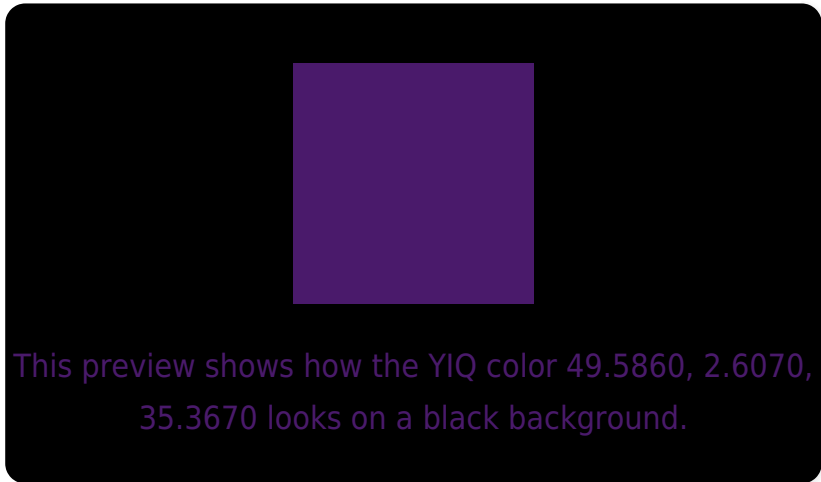
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.5860, 2.6070, 35.3670

Background



This preview shows how black text looks on a background with the YIQ color 49.5860, 2.6070, 35.3670.



This preview shows how white text looks on a background with the YIQ color 49.5860, 2.6070,

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

49.5860, 2.6070, 35.3670

Protanopia

41.4340, -47.7760, 6.8160

Deuteranopia

41.5990, -44.1070, 0.8930



Tritanopia

52.5390, 8.8480, 4.8480

Trichromacy



Original Color

49.5860, 2.6070, 35.3670

Protanomaly

44.2240, -29.2090, 17.2470

Deuteranomaly

44.3720, -26.8700, 13.4020

Tritanomaly

51.3190, 7.0120, 16.1000

Monochromacy



Original Color

49.5860, 2.6070, 35.3670

Achromatopsia

50.0000, -0.0000, -0.0000

Achromatomaly

49.8020, 1.0980, 13.1460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 49.5860, 2.6070, 35.3670 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(74, 26, 107)` looks like.

```
.text, #text, p{  
    color:rgb(74, 26, 107)  
}
```

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(74, 26, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 26, 107) }
```

Border

The CSS property to change the border of an element to YIQ 49.5860, 2.6070, 35.3670 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(74, 26, 107) }
```


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

```
.border{ border-color:rgb(74, 26, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 26, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 26, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 26, 107);  
box-shadow:4px 4px 4px 4px rgb(74, 26,  
107) }
```

Background

The CSS property to change the background color of an element to YIQ 49.5860, 2.6070, 35.3670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 26, 107) }
```

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

```
.background{ background-color: rgb(74, 26,  
107) }
```

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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