

Converting Colors

YIQ(51.0740, 8.6060, 75.3420)

Have a look what the booklet for
YIQ(51.0740, 8.6060, 75.3420)
contains.

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Color

**YIQ(51.0740, 8.6060,
75.3420)**

Conversions

Conversions Part 1

Format	Color
Hex	6A00AA
RGB	106, 0, 170
RGB Percent	42%, 0%, 67%
CMY	0.5839, 1.0000, 0.3334
CMYK	0.38, 1.00, 0.00, 0.33
HSL	277°, 100%, 33%
HSV	277°, 100%, 67%
XYZ	13.2081, 5.9711, 38.4743
YIQ	51.0740, 8.6060, 75.3420

Conversions

Conversions Part 2

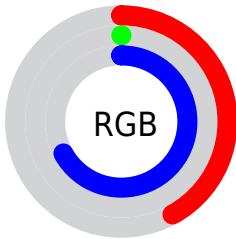
Format	Color
R_{YB}	106, 0, 170
Decimal	6946986
CIE _{Lab}	29.34, 63.55, -63.22
CIE _{LCh}	29, 89.645, 315.149
Yxy	5.9711, 0.2291, 0.1036
Android (android.graphics.Color)	4285137066 (0xFF6A00AA)
YUV	51.0740, 58.6305, 48.1701
Hunter-Lab	24.4358, 53.7201, -76.2471

Details

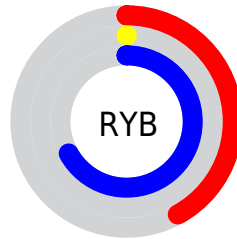
The YIQ color **51.0740, 8.6060, 75.3420** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **118.9260, -8.6060, -75.3420**, and the grayscale version is **51.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **116.4770, 5.6730, 67.9210**, and **27.2770, -9.2240, 46.0400** is the 20% darker color. If you saturate the color by 10%, you get **51.0740, 8.6060, 75.3420**, and if you desaturate by 10%, it is **62.8470, 7.5070, 67.7230**.

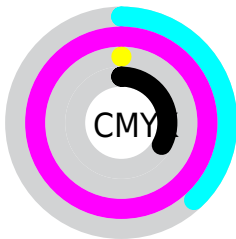
Distribution



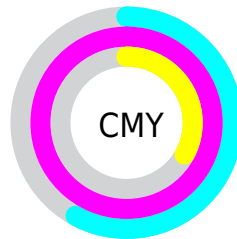
- Red (42%)
- Green (0%)
- Blue (67%)



- Red (42%)
- Yellow (0%)
- Blue (67%)



- Cyan (38%)
- Magenta (100%)
- Yellow (0%)
- Black (33%)



- Cyan (58%)
- Magenta (100%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 51.0740, 8.6060, 75.3420 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 51.0740, 8.6060, 75.3420 by changing the saturation by 10% instead.

51.0740, 8.6060,
75.3420

51.0740, 8.6060,
75.3420

255.0000, -0.0000,
-0.0000

39.3250, -0.0110,
60.7970

116.4770, 5.6730,
67.9210

27.2770, -9.2240,
46.0400

144.3030, 6.2230,
68.9670

14.8590, -20.2710,
31.4810

169.7090, 16.4030,
60.6830

7.5240, -21.1860,
20.5260

195.1150, 26.5830,
52.3990

6.6630, -14.6280,
11.8040

212.1490, 20.0750,
38.1790

2.9810, -7.0160,
6.0080

228.5850, 12.3750,

0.0000, 0.0000,

23.5350

0.0000

■ 246.1950, 4.1250,
7.8450

■ 51.0740, 8.6060,
75.3420

■ 62.8470, 7.5070,
67.7230

■ 74.9190, 7.0040,
60.3160

■ 86.6920, 5.9050,
52.6970

■ 98.7640, 5.4020,
45.2900

■ 110.5370, 4.3030,
37.6710

■ 122.3100, 3.2040,
30.0520

■ 134.3820, 2.7010,
22.6450

■ 146.1550, 1.6020,
15.0260

■ 158.2270, 1.0990,
7.6190

Harmonies

Analogous

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



64.3290, -86.0640, 28.9120



51.0740, 8.6060, 75.3420



62.4300, 65.7810, 68.8930

Triad

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



51.0740, 8.6060, 75.3420



64.8980, 52.7730, -3.7630



66.4470, -58.9590, -16.2950

Complementary

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



51.0740, 8.6060, 75.3420



118.9260, -8.6060, -75.3420

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.



56.7230, -34.3340, -38.5740



51.0740, 8.6060, 75.3420



60.4480, 9.2210, -29.4590

Square

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



51.0740, 8.6060, 75.3420



46.6440, 92.9760, 33.0720



51.0690, -23.9250, -45.5010



74.4440, -80.0990, 3.3970

Rectangle

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



51.0740, 8.6060, 75.3420



60.4750, 87.1030, 56.9190



51.0690, -23.9250, -45.5010



63.1240, -50.9800, -23.2360

Sweetspot

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



51.0740, 8.6060, 75.3420



175.1960, 3.5250, 29.7410



57.5350, -72.4450, 18.8750



84.0350, 2.0600, 17.7400



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



51.0740, 8.6060, 75.3420



66.5700, 10.9860, 98.2980



67.9300, 53.1700, 82.6900



78.4070, 0.4120, 3.5480



44.3800, 7.3240, 65.5320



6.1670, 1.3280, 8.9760

Inverse Universe

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



58.1260, 80.7760, 55.9440



75.8400, 105.6690, 72.8770



102.0700, -53.1700, -82.6900



78.7340, 3.8050, 2.6290



50.6360, 70.2320, 48.7920



6.8920, 9.3520, 6.7280

Previews

White Background



This preview shows how the YIQ color 51.0740, 8.6060, 75.3420 looks on a white background.

Color Contrast Check

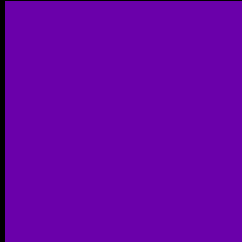
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YIQ color 51.0740, 8.6060, 75.3420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

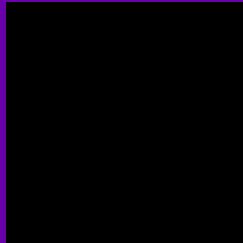
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 51.0740, 8.6060, 75.3420

Background



This preview shows how black text looks on a background with the YIQ color 51.0740, 8.6060, 75.3420.



This preview shows how white text looks on a background with the YIQ color 51.0740, 8.6060,

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

51.0740, 8.6060, 75.3420

Protanopia

57.7340, -66.1160, 8.7960

Deuteranopia

57.8020, -60.7960, 0.4840



Tritanopia

72.5500, 10.3150, 5.7950

Trichromacy



Original Color

51.0740, 8.6060, 75.3420

Protanomaly

55.7460, -38.8860, 32.9380

Deuteranomaly

55.4380, -35.2630, 27.8490

Tritanomaly

64.6590, 9.5310, 31.0270

Monochromacy



Original Color

51.0740, 8.6060, 75.3420

Achromatopsia

51.0000, -0.0000, -0.0000

Achromatomaly

50.7290, 3.3420, 27.5500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 51.0740, 8.6060, 75.3420 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(106, 0, 170)` looks like.

```
.text, #text, p{  
    color:rgb(106, 0, 170)  
}
```

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(106, 0, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 0, 170) }
```

Border

The CSS property to change the border of an element to YIQ 51.0740, 8.6060, 75.3420 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(106, 0, 170) }
```


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

```
.border{ border-color:rgb(106, 0, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 0, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 0, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 0, 170);  
box-shadow:4px 4px 4px 4px rgb(106, 0,  
170) }
```

Background

The CSS property to change the background color of an element to YIQ 51.0740, 8.6060, 75.3420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 0, 170) }
```

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

```
.background{ background-color: rgb(106, 0,  
170) }
```

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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