

Converting Colors

YIQ(51.6760, 21.1700, 67.9060)

Have a look what the booklet for
YIQ(51.6760, 21.1700, 67.9060)
contains.

YIQ(51.6760, 21.1700, 67.9060)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(51.6760, 21.1700,
67.9060)**

Conversions

Conversions Part 1

Format	Color
Hex	720290
RGB	114, 2, 144
RGB Percent	45%, 1%, 56%
CMY	0.5526, 0.9923, 0.4353
CMYK	0.21, 0.99, 0.00, 0.44
HSL	287°, 97%, 29%
HSV	287°, 99%, 56%
XYZ	12.0059, 5.6393, 26.8386
YIQ	51.6760, 21.1700, 67.9060

Conversions

Conversions Part 2

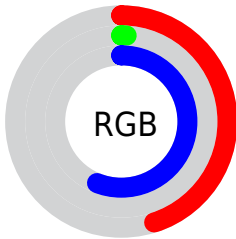
Format	Color
RYB	114, 2, 144
Decimal	7471760
CIELab	28.48, 59.13, -48.70
CIElCh	28, 76.609, 320.525
Yxy	5.6393, 0.2699, 0.1268
Android (android.graphics.Color)	4285661840 (0xFF720290)
YUV	51.6760, 45.5157, 54.6581
Hunter-Lab	23.7472, 48.6872, -50.3853

Details

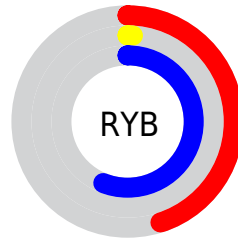
The YIQ color **51.6760, 21.1700, 67.9060** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **94.3240, -21.1700, -67.9060**, and the grayscale version is **51.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **115.1930, 17.9160, 60.7960**, and **28.1290, 5.6320, 41.1200** is the 20% darker color. If you saturate the color by 10%, you get **50.5020, 21.7200, 68.9520**, and if you desaturate by 10%, it is **60.7910, 19.1080, 61.2200**.

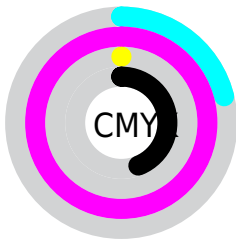
Distribution



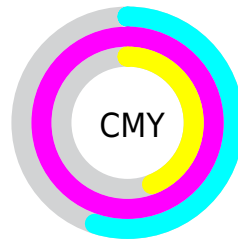
- Red (45%)
- Green (1%)
- Blue (56%)



- Red (45%)
- Yellow (1%)
- Blue (56%)



- Cyan (21%)
- Magenta (99%)
- Yellow (0%)
- Black (44%)



- Cyan (55%)
- Magenta (99%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 51.6760, 21.1700, 67.9060 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 51.6760, 21.1700, 67.9060 by changing the saturation by 10% instead.

■ 51.6760, 21.1700,
67.9060

■ 51.6760, 21.1700,
67.9060

■ 255.0000, -0.0000,
-0.0000

■ 39.4650, 13.9740,
55.1420

■ 115.1930, 17.9160,
60.7960

■ 28.4280, 6.2280,
41.3320

■ 142.9050, 18.7870,
61.5310

■ 18.2170, -0.9680,
28.5680

■ 171.2040, 19.3830,
61.7430

■ 5.1300, -14.4450,
13.9950

■ 195.1260, 28.0500,
53.3460


■ 3.2090, -7.6580,
6.6300


■ 211.5620, 20.3500,
38.7020


■ 0.0000, 0.0000,
0.0000


■ 228.5850, 12.3750,


23.5350


 245.6080, 4.4000,
8.3680


 51.6760, 21.1700,
67.9060


 51.6760, 21.1700,
67.9060


 50.5020, 21.7200,
68.9520

 60.7910, 19.1080,
61.2200

 70.4930, 16.7710,
54.0110

 79.6080, 14.7090,
47.3250

 89.3100, 12.3720,
40.1160

 98.4250, 10.3100,
33.4300

■ 107.5400, 8.2480,
26.7440

■ 117.2420, 5.9110,
19.5350

■ 126.3570, 3.8490,
12.8490

■ 136.0590, 1.5120,
5.6400

Harmonies

Analogous

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



56.4410, -74.8760, 24.3880



51.6760, 21.1700, 67.9060



57.0890, 65.0030, 60.9630

Triad

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



51.6760, 21.1700, 67.9060



63.6470, 43.0540, -9.3460



64.5550, -59.1430, -12.9590

Complementary

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



51.6760, 21.1700, 67.9060



94.3240, -21.1700, -67.9060

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.



56.3130, -38.6910, -31.1950



51.6760, 21.1700, 67.9060



57.4690, 4.7280, -30.6320

Square

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



51.6760, 21.1700, 67.9060



47.7190, 79.2230, 23.5030



49.3080, -23.1000, -43.9320



69.8960, -75.5600, 3.7360

Rectangle

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



51.6760, 21.1700, 67.9060



54.4370, 81.0980, 50.1060



49.3080, -23.1000, -43.9320



61.6880, -52.4480, -18.6560

Sweetspot

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



51.6760, 21.1700, 67.9060



149.5400, 8.2480, 26.7440



36.3850, -54.1070, 27.9490



71.9490, 5.1780, 16.2980



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



51.6760, 21.1700, 67.9060



65.1570, 27.9060, 89.0100



56.0860, 51.8900, 61.8260



66.5920, 1.3290, 3.4490



47.3830, 20.4370, 64.6690



2.7060, 1.0080, 3.7600

Inverse Universe

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



47.8780, 75.0020, 39.4340



60.0600, 98.3370, 51.5610



89.9140, -51.8900, -61.8260



66.3210, 3.5300, 2.1060



43.5570, 71.4720, 37.3280



2.6200, 4.1260, 2.3180

Previews

White Background



This preview shows how the YIQ color 51.6760, 21.1700, 67.9060 looks on a white background.

Color Contrast Check

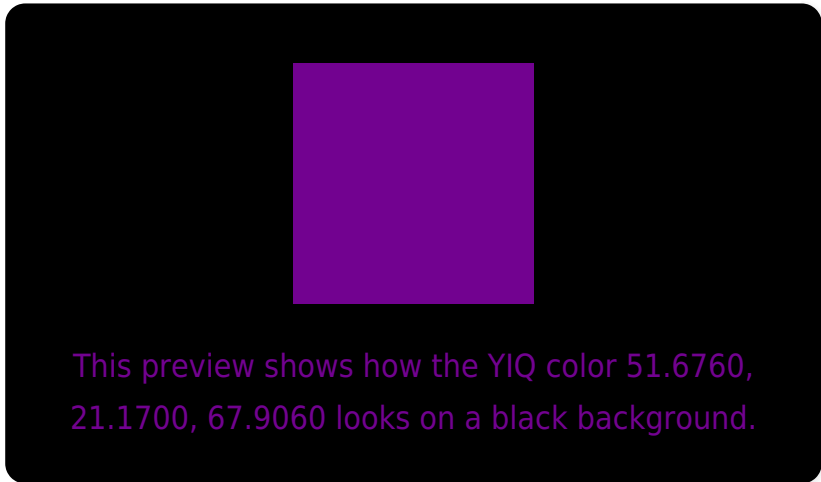
Large Text (above 18pt) WCAG AA ✓ Pass

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

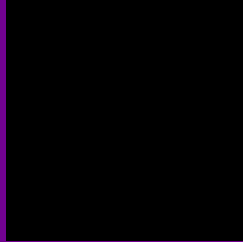
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 51.6760, 21.1700, 67.9060

Background



This preview shows how black text looks on a background with the YIQ color 51.6760, 21.1700, 67.9060.



This preview shows how white text looks on a background with the YIQ color 51.6760, 21.1700,

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

51.6760, 21.1700, 67.9060

Protanopia

56.2180, -64.6030, 8.9090

Deuteranopia

56.5140, -59.9250, 1.2190



Tritanopia

70.3240, 25.8110, 11.3070

Trichromacy



Original Color

51.6760, 21.1700, 67.9060

Protanomaly

54.3890, -33.5670, 30.1530

Deuteranomaly

54.8960, -30.8610, 25.1630

Tritanomaly

63.2000, 24.0650, 31.9450

Monochromacy



Original Color

51.6760, 21.1700, 67.9060

Achromatopsia

52.0000, -0.0000, -0.0000

Achromatomaly

52.0730, 8.0650, 24.5530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 51.6760, 21.1700, 67.9060 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(114, 2, 144)` looks like.

```
.text, #text, p{  
    color:rgb(114, 2, 144)  
}
```

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(114, 2, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 2, 144) }
```

Border

The CSS property to change the border of an element to YIQ 51.6760, 21.1700, 67.9060 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(114, 2, 144) }
```


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

```
.border{ border-color:rgb(114, 2, 144) }
```

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

Here you see how a box with a 4 pixel rgb(114, 2, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 2, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 2, 144);  
box-shadow:4px 4px 4px 4px rgb(114, 2,  
144) }
```

Background

The CSS property to change the background color of an element to YIQ 51.6760, 21.1700, 67.9060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 2, 144) }
```

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

```
.background{ background-color: rgb(114, 2,  
144) }
```

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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