

Converting Colors

YIQ(53.0350, 21.5370, 66.7610)

Have a look what the booklet for
YIQ(53.0350, 21.5370, 66.7610)
contains.

YIQ(53.0350, 21.5370, 66.7610)	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(53.0350, 21.5370,
66.7610)**

Conversions

Conversions Part 1

Format	Color
Hex	73048F
RGB	115, 4, 143
RGB Percent	45%, 2%, 56%
CMY	0.5487, 0.9845, 0.4392
CMYK	0.20, 0.97, 0.00, 0.44
HSL	288°, 95%, 29%
HSV	288°, 97%, 56%
XYZ	12.0824, 5.7197, 26.4516
YIQ	53.0350, 21.5370, 66.7610

Conversions

Conversions Part 2

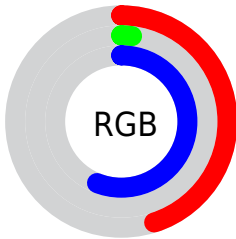
Format	Color
RYB	115, 4, 143
Decimal	7537807
CIELab	28.69, 58.76, -47.74
CIElCh	29, 75.705, 320.910
Yxy	5.7197, 0.2730, 0.1292
Android (android.graphics.Color)	4285727887 (0xFF73048F)
YUV	53.0350, 44.3527, 54.3433
Hunter-Lab	23.9160, 48.3258, -48.8348

Details

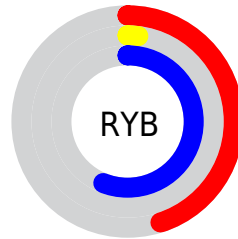
The YIQ color **53.0350, 21.5370, 66.7610** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **93.9650, -21.5370, -66.7610**, and the grayscale version is **53.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **115.9650, 18.5580, 60.1740**, and **28.7270, 6.8240, 41.5440** is the 20% darker color. If you saturate the color by 10%, you get **50.3880, 22.0410, 68.6410**, and if you desaturate by 10%, it is **62.1500, 19.4750, 60.0750**.

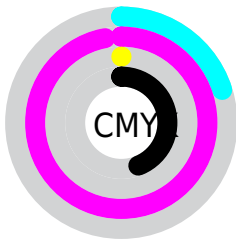
Distribution



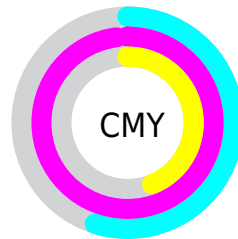
- Red (45%)
- Green (2%)
- Blue (56%)



- Red (45%)
- Yellow (2%)
- Blue (56%)



- Cyan (20%)
- Magenta (97%)
- Yellow (0%)
- Black (44%)



- Cyan (55%)
- Magenta (98%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 53.0350, 21.5370, 66.7610 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 53.0350, 21.5370, 66.7610 by changing the saturation by 10% instead.

■ 53.0350, 21.5370,
66.7610

■ 53.0350, 21.5370,
66.7610

■ 255.0000, -0.0000,
-0.0000

■ 39.6500, 14.8910,
55.0430

■ 115.9650, 18.5580,
60.1740

■ 28.7270, 6.8240,
41.5440

■ 143.6770, 19.4290,
60.9090

■ 18.7010, 0.5450,
28.6810

■ 171.5030, 19.9790,
61.9550

■ 5.0160, -14.1240,
13.6840

■ 195.7130, 27.7750,
52.8230


■ 3.0950, -7.3370,
6.3190


■ 212.1490, 20.0750,
38.1790


■ 0.0000, 0.0000,
0.0000


■ 229.1720, 12.1000,


23.0120


 246.1950, 4.1250,
7.8450


 53.0350, 21.5370,
66.7610


 53.0350, 21.5370,
66.7610


 50.3880, 22.0410,
68.6410

 62.1500, 19.4750,
60.0750

 71.8520, 17.1380,
52.8660

 80.9670, 15.0760,
46.1800

 90.0820, 13.0140,
39.4940

 98.8980, 10.3560,
32.5960

■ 108.6000, 8.0190,
25.3870

■ 117.7150, 5.9570,
18.7010

■ 126.8300, 3.8950,
12.0150

■ 136.5320, 1.5580,
4.8060

Harmonies

Analogous

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



56.9140, -74.8300, 23.5540



53.0350, 21.5370, 66.7610



56.9750, 65.3240, 60.6520

Triad

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



53.0350, 21.5370, 66.7610



63.9350, 42.1830, -10.0810



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.



53.0350, 21.5370, 66.7610



93.9650, -21.5370, -66.7610

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.



57.0140, -39.2870, -31.4070



53.0350, 21.5370, 66.7610



58.0560, 4.4530, -31.1550

Square

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



53.0350, 21.5370, 66.7610



50.0670, 78.1230, 21.4110



49.3080, -23.1000, -43.9320



70.4830, -75.8350, 3.2130

Rectangle

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



53.0350, 21.5370, 66.7610



54.4370, 81.0980, 50.1060



49.3080, -23.1000, -43.9320



62.3890, -53.0440, -18.8680

Sweetspot

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



53.0350, 21.5370, 66.7610



151.0130, 8.2940, 25.9100



37.4560, -52.8690, 27.5390



72.8350, 5.4990, 15.9870



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.



53.0350, 21.5370, 66.7610



65.7550, 29.0980, 89.4340



56.9610, 50.7440, 60.5680



66.5920, 1.3290, 3.4490



47.6820, 21.0330, 64.8810



2.7060, 1.0080, 3.7600

Inverse Universe

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



48.7530, 73.8560, 38.1760



59.8320, 98.9790, 50.9390



90.0390, -50.7440, -60.5680



66.3210, 3.5300, 2.1060



43.4430, 71.7930, 37.0170



2.6200, 4.1260, 2.3180

Previews

White Background



This preview shows how the YIQ color 53.0350, 21.5370, 66.7610 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

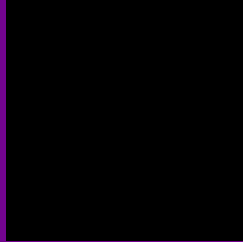
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 53.0350, 21.5370, 66.7610

Background



This preview shows how black text looks on a background with the YIQ color 53.0350, 21.5370, 66.7610.



This preview shows how white text looks on a background with the YIQ color 53.0350, 21.5370,

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

53.0350, 21.5370, 66.7610

Protanopia

56.2180, -64.6030, 8.9090

Deuteranopia

56.6280, -60.2460, 1.5300



Tritanopia

70.5090, 26.7280, 11.2080

Trichromacy



Original Color

53.0350, 21.5370, 66.7610

Protanomaly

55.2750, -33.2460, 29.8420

Deuteranomaly

55.1950, -30.2650, 25.3750

Tritanomaly

63.9720, 24.7070, 31.3230

Monochromacy



Original Color

53.0350, 21.5370, 66.7610

Achromatopsia

53.0000, -0.0000, -0.0000

Achromatomaly

53.0730, 8.0650, 24.5530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 53.0350, 21.5370, 66.7610 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(115, 4, 143)` looks like.

```
.text, #text, p{  
    color:rgb(115, 4, 143)  
}
```

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(115, 4, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 4, 143) }
```

Border

The CSS property to change the border of an element to YIQ 53.0350, 21.5370, 66.7610 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(115, 4, 143) }
```


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

```
.border{ border-color:rgb(115, 4, 143) }
```

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

Here you see how a box with a 4 pixel rgb(115, 4, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 4, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 4, 143);  
box-shadow:4px 4px 4px 4px rgb(115, 4,  
143) }
```

Background

The CSS property to change the background color of an element to YIQ 53.0350, 21.5370, 66.7610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 4, 143) }
```

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

```
.background{ background-color: rgb(115, 4,  
143) }
```

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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