

Converting Colors

YIQ(53.3590, 19.8440, 47.8760)

Have a look what the booklet for
YIQ(53.3590, 19.8440, 47.8760)
contains.

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Color

**YIQ(53.3590, 19.8440,
47.8760)**

Conversions

Conversions Part 1

Format	Color
Hex	661171
RGB	102, 17, 113
RGB Percent	40%, 7%, 44%
CMY	0.5997, 0.9335, 0.5569
CMYK	0.10, 0.85, 0.00, 0.56
HSL	293°, 74%, 25%
HSV	293°, 85%, 44%
XYZ	8.6677, 4.4208, 16.0196
YIQ	53.3590, 19.8440, 47.8760

Conversions

Conversions Part 2

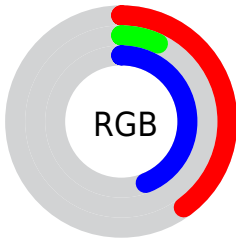
Format	Color
R_{YB}	102, 17, 113
Decimal	6689137
CIE _{Lab}	25.02, 48.26, -34.87
CIE _{LCh}	25, 59.538, 324.155
Yxy	4.4208, 0.2978, 0.1519
Android (android.graphics.Color)	4284879217 (0xFF661171)
YUV	53.3590, 29.4030, 42.6582
Hunter-Lab	21.0256, 36.7906, -30.4556

Details

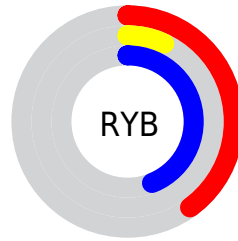
The YIQ color **53.3590, 19.8440, 47.8760** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **76.6410, -19.8440, -47.8760**, and the grayscale version is **53.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **108.3050, 19.9360, 46.2080**, and **22.5450, 9.8520, 30.7160** is the 20% darker color. If you saturate the color by 10%, you get **46.6030, 22.2730, 53.4170**, and if you desaturate by 10%, it is **60.1150, 17.4150, 42.3350**.

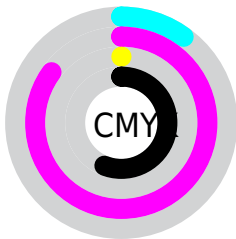
Distribution



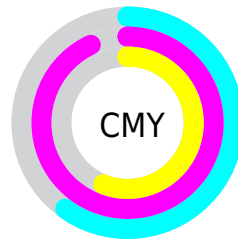
- Red (40%)
- Green (7%)
- Blue (44%)



- Red (40%)
- Yellow (7%)
- Blue (44%)



- Cyan (10%)
- Magenta (85%)
- Yellow (0%)
- Black (56%)



- Cyan (60%)
- Magenta (93%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 53.3590, 19.8440, 47.8760 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 53.3590, 19.8440, 47.8760 by changing the saturation by 10% instead.

53.3590, 19.8440,
47.8760

53.3590, 19.8440,
47.8760

255.0000, -0.0000,
-0.0000

32.7560, 17.0480,
43.4800

108.3050, 19.9360,
46.2080

22.5450, 9.8520,
30.7160

135.1310, 20.4860,
47.2540

12.5620, 2.0140,
18.5740

162.2560, 21.6320,
48.5120

2.7530, -6.3740,
5.3860

190.0820, 22.1820,
49.5580


0.0000, 0.0000,
0.0000


210.9750, 20.6250,
39.2250


227.4110, 12.9250,


24.5810


 244.4340, 4.9500,
9.4140


 53.3590, 19.8440,
47.8760


 53.3590, 19.8440,
47.8760


 46.6030, 22.2730,
53.4170


 60.1150, 17.4150,
42.3350

 42.7820, 23.3270,
56.3430

 67.7570, 15.3070,
36.4830

 74.5130, 12.8780,
30.9420

 81.2690, 10.4490,
25.4010

 88.3240, 8.6160,
20.0720

■ 95.6670, 5.9120,
14.0080

■ 102.4230, 3.4830,
8.4670

■ 109.1790, 1.0540,
2.9260

■ 116.8210, -1.0540,
-2.9260

Harmonies

Analogous

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



46.8260, -60.2030, 17.2770



53.3590, 19.8440, 47.8760



47.1490, 55.6060, 49.5420

Triad

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



53.3590, 19.8440, 47.8760



56.5040, 33.1510, -11.5930



56.0290, -51.6700, -10.7260

Complementary

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



53.3590, 19.8440, 47.8760



76.6410, -19.8440, -47.8760

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.



50.1980, -36.6290, -24.5090



53.3590, 19.8440, 47.8760



50.6910, 4.2230, -26.9850

Square

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



53.3590, 19.8440, 47.8760



51.3970, 59.0980, 8.2660



42.8510, -20.0750, -38.1790



59.7740, -63.5930, 1.6150

Rectangle

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



53.3590, 19.8440, 47.8760



44.7400, 66.7030, 41.1590



42.8510, -20.0750, -38.1790



54.3190, -46.8550, -15.3910

Sweetspot

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



53.3590, 19.8440, 47.8760



125.0850, 7.7910, 18.5030



34.4010, -33.8410, 24.1030



60.1890, 4.2620, 10.8700



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

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



53.3590, 19.8440, 47.8760



56.0410, 30.5680, 73.8000



52.4300, 38.2770, 38.7010



52.1790, 1.0540, 2.9260



45.3740, 24.6560, 59.7920



93.6390, 51.2370, 123.2450

Inverse Universe

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



46.9580, 53.6850, 23.7730



46.1900, 82.7510, 36.6630



77.5700, -38.2770, -38.7010



51.9080, 3.2550, 1.5830



37.4760, 67.0260, 29.7940



77.0450, 138.2240, 61.0720

Previews

White Background



This preview shows how the YIQ color 53.3590, 19.8440, 47.8760 looks on a white background.

Color Contrast Check

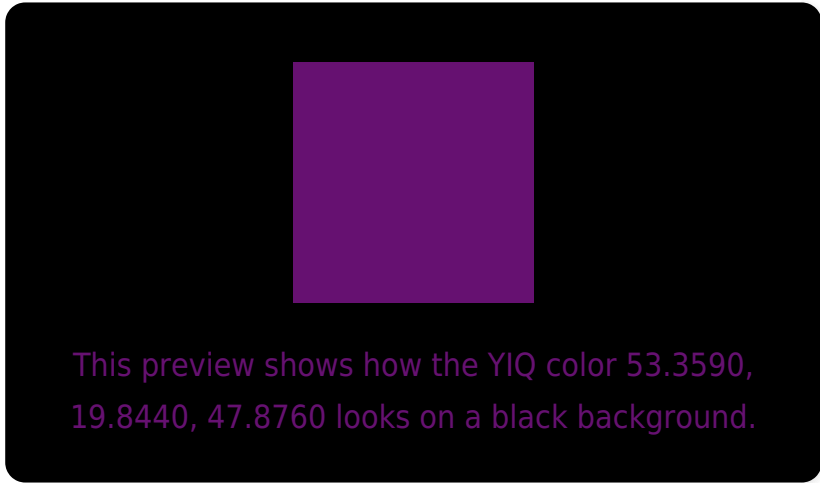
Large Text (above 18pt) WCAG AA ✓ Pass

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

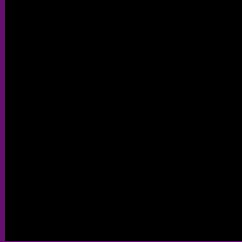
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 53.3590, 19.8440, 47.8760

Background



This preview shows how black text looks on a background with the YIQ color 53.3590, 19.8440, 47.8760.



This preview shows how white text looks on a background with the YIQ color 53.3590, 19.8440,

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

53.3590, 19.8440, 47.8760

Protanopia

48.8830, -56.3500, 8.0180

Deuteranopia

56.0670, -36.4970, 6.1510



Tritanopia

60.8080, 27.3240, 11.4200

Trichromacy



Original Color

53.3590, 19.8440, 47.8760

Protanomaly

50.6850, -28.8890, 22.4630

Deuteranomaly

55.2750, -16.0510, 21.0770

Tritanomaly

57.8700, 24.7540, 24.9620

Monochromacy



Original Color

53.3590, 19.8440, 47.8760

Achromatopsia

53.0000, -0.0000, -0.0000

Achromatomaly

53.2590, 7.2410, 17.4570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 53.3590, 19.8440, 47.8760 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(102, 17, 113)` looks like.

```
.text, #text, p{  
    color:rgb(102, 17, 113)  
}
```

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(102, 17, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 17, 113) }
```

Border

The CSS property to change the border of an element to YIQ 53.3590, 19.8440, 47.8760 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(102, 17, 113) }
```


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

```
.border{ border-color:rgb(102, 17, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 17, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 17, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 17, 113);  
box-shadow:4px 4px 4px 4px rgb(102, 17,  
113) }
```

Background

The CSS property to change the background color of an element to YIQ 53.3590, 19.8440, 47.8760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 17, 113) }
```

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

```
.background{ background-color: rgb(102, 17,  
113) }
```

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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