

Converting Colors

YIQ(59.3620, 32.9570, 47.0130)

Have a look what the booklet for
YIQ(59.3620, 32.9570, 47.0130)
contains.

YIQ(59.3620, 32.9570, 47.0130)	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(59.3620, 32.9570,
47.0130)**

Conversions

Conversions Part 1

Format	Color
Hex	781467
RGB	120, 20, 103
RGB Percent	47%, 8%, 40%
CMY	0.5291, 0.9217, 0.5960
CMYK	0.00, 0.83, 0.14, 0.53
HSL	310°, 71%, 27%
HSV	310°, 83%, 47%
XYZ	10.4544, 5.4768, 13.3425
YIQ	59.3620, 32.9570, 47.0130

Conversions

Conversions Part 2

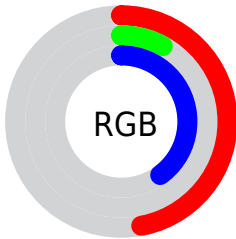
Format	Color
R_{YB}	120, 20, 103
Decimal	7869543
CIE _{Lab}	28.05, 49.69, -23.39
CIE _{LCh}	28, 54.915, 334.793
Yxy	5.4768, 0.3571, 0.1871
Android (android.graphics.Color)	4286059623 (0xFF781467)
YUV	59.3620, 21.5135, 53.1795
Hunter-Lab	23.4026, 38.7853, -17.4213

Details

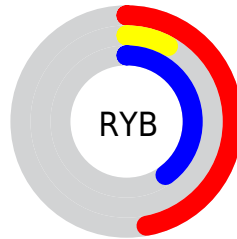
The YIQ color **59.3620, 32.9570, 47.0130** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **80.6380, -32.9570, -47.0130**, and the grayscale version is **59.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **115.0800, 33.6910, 44.7230**, and **26.4170, 21.9560, 31.6200** is the 20% darker color. If you saturate the color by 10%, you get **52.0900, 36.8990, 52.6670**, and if you desaturate by 10%, it is **66.6340, 29.0150, 41.3590**.

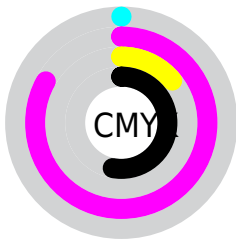
Distribution



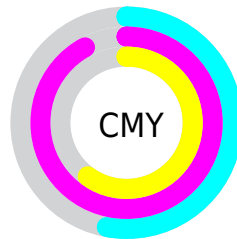
- Red (47%)
- Green (8%)
- Blue (40%)



- Red (47%)
- Yellow (8%)
- Blue (40%)



- Cyan (0%)
- Magenta (83%)
- Yellow (14%)
- Black (53%)



- Cyan (53%)
- Magenta (92%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 59.3620, 32.9570, 47.0130 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 59.3620, 32.9570, 47.0130 by changing the saturation by 10% instead.

■ 59.3620, 32.9570,
47.0130

■ 59.3620, 32.9570,
47.0130

■ 255.0000, -0.0000,
-0.0000

■ 36.8130, 30.0690,
44.2850

■ 115.0800, 33.6910,
44.7230

■ 26.4170, 21.9560,
31.6200

■ 142.6780, 34.8830,
45.1470

■ 17.0320, 15.3100,
19.9020

■ 170.3900, 35.7540,
45.8820

■ 0.7980, -2.2470,
2.1770

■ 196.0090, 32.4530,
45.1330

■ 0.0000, 0.0000,
0.0000

■ 214.4970, 18.9750,
36.0870

■ 230.9330, 11.2750,

21.4430

247.9560, 3.3000,
6.2760

59.3620, 32.9570,
47.0130

59.3620, 32.9570,
47.0130

52.0900, 36.8990,
52.6670

66.6340, 29.0150,
41.3590

47.2800, 39.4200,
56.5400

73.9060, 25.0730,
35.7050

81.1780, 21.1310,
30.0510

88.4500, 17.1890,
24.3970

95.7220, 13.2470,
18.7430

■ 102.9940, 9.3050,
13.0890

■ 110.2660, 5.3630,
7.4350

■ 117.5380, 1.4210,
1.7810

■ 124.8100, -2.5210,
-3.8730

Harmonies

Analogous

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



66.7840, -15.6860, 30.9860



59.3620, 32.9570, 47.0130



47.9170, 62.0710, 48.0150

Triad

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



59.3620, 32.9570, 47.0130



62.0530, 26.8710, -18.9290



61.7170, -59.4190, -7.9550

Complementary

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



59.3620, 32.9570, 47.0130



80.6380, -32.9570, -47.0130

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.



56.9290, -45.9370, -21.0170



59.3620, 32.9570, 47.0130



54.1690, -3.2950, -33.9110

Square

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



59.3620, 32.9570, 47.0130



61.6530, 52.0850, -2.3070



50.6250, -30.9420, -33.9660



63.2620, -67.9030, 2.6330

Rectangle

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



59.3620, 32.9570, 47.0130



48.6490, 68.2170, 35.7450



50.6250, -30.9420, -33.9660



60.8220, -55.5210, -12.5210

Sweetspot

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



59.3620, 32.9570, 47.0130



132.3090, 12.9720, 18.2200



36.4830, -21.9680, 34.7040



64.4560, 7.8840, 11.3080



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



59.3620, 32.9570, 47.0130



61.3500, 51.5670, 73.1910



53.6620, 49.0070, 31.4630



57.3640, 1.9710, 2.8270



49.2310, 41.1160, 58.8440



99.1740, 83.1030, 118.4230

Inverse Universe

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



59.3620, 32.9570, 47.0130



61.3500, 51.5670, 73.1910



86.3380, -49.0070, -31.4630



57.3640, 1.9710, 2.8270



49.2310, 41.1160, 58.8440



99.1740, 83.1030, 118.4230

Previews

White Background



This preview shows how the YIQ color 59.3620, 32.9570, 47.0130 looks on a white background.

Color Contrast Check

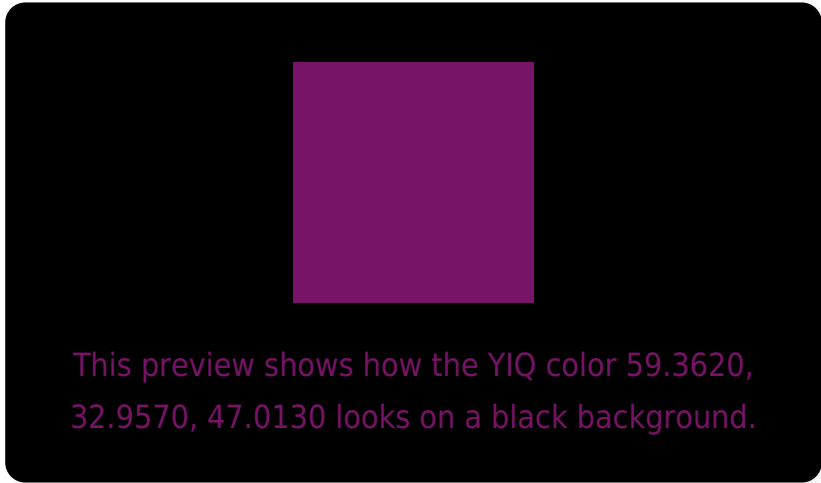
Large Text (above 18pt) WCAG AA ✓ Pass

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

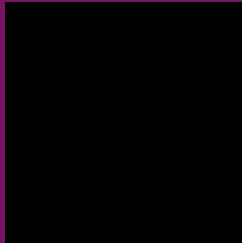
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 59.3620, 32.9570, 47.0130

Background



This preview shows how black text looks on a background with the YIQ color 59.3620, 32.9570, 47.0130.



This preview shows how white text looks on a background with the YIQ color 59.3620, 32.9570,

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

59.3620, 32.9570, 47.0130

Protanopia

54.7020, -63.0900, 9.0220

Deuteranopia

67.4300, -15.5900, 7.2100



Tritanopia

65.4570, 41.6740, 15.6740

Trichromacy



Original Color

59.3620, 32.9570, 47.0130

Protanomaly

56.3970, -28.0180, 23.1980

Deuteranomaly

64.5560, 2.1510, 21.5990

Tritanomaly

63.1660, 38.6000, 27.3360

Monochromacy



Original Color

59.3620, 32.9570, 47.0130

Achromatopsia

59.0000, 0.0000, -0.0000

Achromatomaly

59.1840, 11.8260, 16.9620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 59.3620, 32.9570, 47.0130 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(120, 20, 103)` looks like.

```
.text, #text, p{  
    color:rgb(120, 20, 103)  
}
```

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(120, 20, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 20, 103) }
```

Border

The CSS property to change the border of an element to YIQ 59.3620, 32.9570, 47.0130 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(120, 20, 103) }
```


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

```
.border{ border-color:rgb(120, 20, 103) }
```

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

Here you see how a box with a 4 pixel rgb(120, 20, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 20, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 20, 103);  
box-shadow:4px 4px 4px 4px rgb(120, 20,  
103) }
```

Background

The CSS property to change the background color of an element to YIQ 59.3620, 32.9570, 47.0130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 20, 103) }
```

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

```
.background{ background-color: rgb(120, 20,  
103) }
```

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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