

Converting Colors

YIQ(67.1370, 46.7120, 45.5280)

Have a look what the booklet for
YIQ(67.1370, 46.7120, 45.5280)
contains.

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Color

**YIQ(67.1370, 46.7120,
45.5280)**

Conversions

Conversions Part 1

Format	Color
Hex	8C195D
RGB	140, 25, 93
RGB Percent	55%, 10%, 36%
CMY	0.4507, 0.9021, 0.6352
CMYK	0.00, 0.82, 0.34, 0.45
HSL	325°, 70%, 32%
HSV	325°, 82%, 55%
XYZ	13.1527, 7.0666, 11.0345
YIQ	67.1370, 46.7120, 45.5280

Conversions

Conversions Part 2

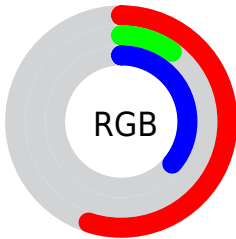
Format	Color
RYB	140, 25, 93
Decimal	9181533
CIELab	31.96, 51.90, -10.56
CIElCh	32, 52.968, 348.501
Yxy	7.0666, 0.4208, 0.2261
Android (android.graphics.Color)	4287371613 (0xFF8C195D)
YUV	67.1370, 12.7505, 63.9009
Hunter-Lab	26.5830, 41.7975, -6.0030

Details

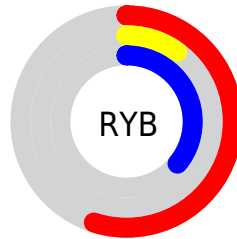
The YIQ color **67.1370, 46.7120, 45.5280** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **97.8630, -46.7120, -45.5280**, and the grayscale version is **67.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **123.9260, 48.6840, 42.8280**, and **30.7730, 35.5730, 32.6370** is the 20% darker color. If you saturate the color by 10%, you get **58.2350, 52.4880, 50.9840**, and if you desaturate by 10%, it is **76.0390, 40.9360, 40.0720**.

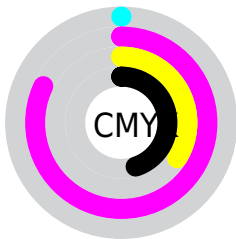
Distribution



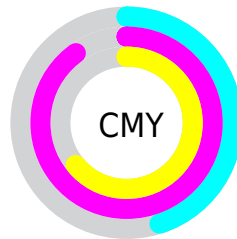
- Red (55%)
- Green (10%)
- Blue (36%)



- Red (55%)
- Yellow (10%)
- Blue (36%)



- Cyan (0%)
- Magenta (82%)
- Yellow (34%)
- Black (45%)



- Cyan (45%)
- Magenta (90%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 67.1370, 46.7120, 45.5280 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 67.1370, 46.7120, 45.5280 by changing the saturation by 10% instead.

67.1370, 46.7120,
45.5280

67.1370, 46.7120,
45.5280

255.0000, -0.0000,
-0.0000

41.3540, 44.6030,
45.2030

123.9260, 48.6840,
42.8280

30.7730, 35.5730,
32.6370

151.8230, 50.4720,
43.4640

21.0180, 27.0930,
21.1170

179.1220, 51.0680,
43.6760

9.3830, 18.1550,
6.8830

198.7500, 34.3800,
37.7400

0.0000, 0.0000,
0.0000

218.4920, 17.3710,
32.1150

235.6290, 9.0750,

17.2590

252.6520, 1.1000,
2.0920

67.1370, 46.7120,
45.5280

67.1370, 46.7120,
45.5280

58.2350, 52.4880,
50.9840

76.0390, 40.9360,
40.0720

51.3220, 56.7970,
55.4930

84.8270, 35.4810,
34.3050

93.7290, 29.7050,
28.8490

102.6310, 23.9290,
23.3930

111.5330, 18.1530,
17.9370

■ 120.3210, 12.6980,
12.1700

■ 129.2230, 6.9220,
6.7140

■ 138.1250, 1.1460,
1.2580

■ 147.0270, -4.6300,
-4.1980

Harmonies

Analogous

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



76.5760, 8.5670, 37.4870



67.1370, 46.7120, 45.5280



63.9690, 64.3200, 34.7840

Triad

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



67.1370, 46.7120, 45.5280



67.8790, 18.2530, -27.9470



69.0350, -69.0020, -4.9860

Complementary

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



67.1370, 46.7120, 45.5280



97.8630, -46.7120, -45.5280

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.



66.1050, -57.9960, -17.2280



67.1370, 46.7120, 45.5280



53.3830, -27.6850, -43.4370

Square

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



67.1370, 46.7120, 45.5280



71.6100, 44.4760, -13.0920



60.5020, -43.5970, -30.3890



67.7930, -73.7720, 4.3720

Rectangle

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



67.1370, 46.7120, 45.5280



67.3040, 64.0940, 16.8460



60.5020, -43.5970, -30.3890



68.3680, -65.7460, -8.9300

Sweetspot

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



67.1370, 46.7120, 45.5280



152.5330, 18.1530, 17.9370



51.8640, -9.4990, 45.5170



74.3100, 11.2310, 11.2230



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



67.1370, 46.7120, 45.5280



67.6050, 72.6580, 70.9140



60.6390, 65.0090, 27.8010



64.5490, 2.8880, 2.7280



48.6590, 54.2300, 52.4540



1.8370, 2.0170, 1.9930

Inverse Universe

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



67.1370, 46.7120, 45.5280



67.6050, 72.6580, 70.9140



104.3610, -65.0090, -27.8010



64.5490, 2.8880, 2.7280



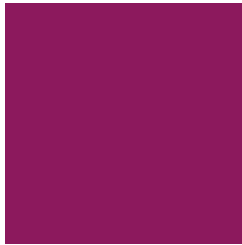
48.6590, 54.2300, 52.4540



1.8370, 2.0170, 1.9930

Previews

White Background



This preview shows how the YIQ color 67.1370, 46.7120, 45.5280 looks on a white background.

Color Contrast Check

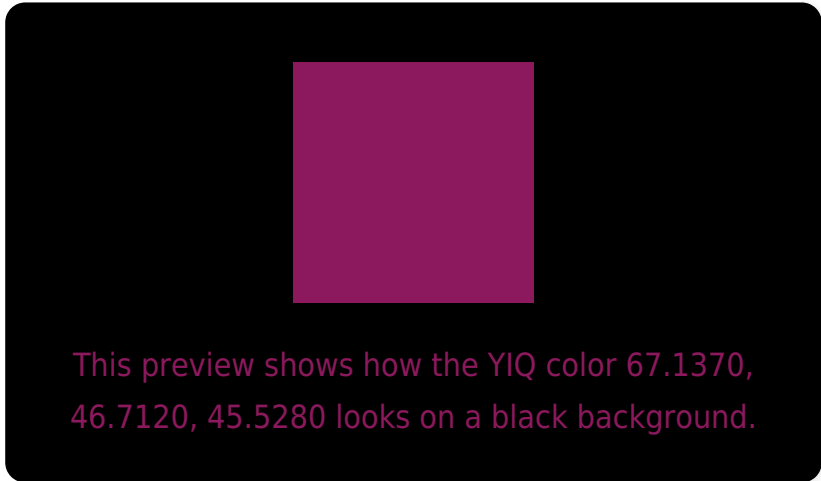
Large Text (above 18pt) WCAG AA ✓ Pass

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

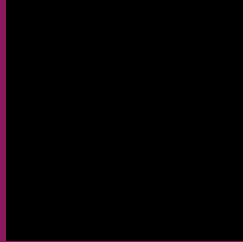
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 67.1370, 46.7120, 45.5280

Background



This preview shows how black text looks on a background with the YIQ color 67.1370, 46.7120, 45.5280.



This preview shows how white text looks on a background with the YIQ color 67.1370, 46.7120,

45.5280.

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

67.1370, 46.7120, 45.5280

Protanopia

75.2470, -28.0160, 12.1440

Deuteranopia

77.5640, -1.4680, 4.5800



Tritanopia

70.6330, 55.9780, 20.7620

Trichromacy



Original Color

67.1370, 46.7120, 45.5280

Protanomaly

72.5820, -0.7380, 24.3980

Deuteranomaly

73.8040, 15.9520, 19.2800

Tritanomaly

69.4620, 52.4460, 29.7100

Monochromacy



Original Color

67.1370, 46.7120, 45.5280

Achromatopsia

67.0000, -0.0000, -0.0000

Achromatomaly

67.2940, 17.3280, 16.3680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 67.1370, 46.7120, 45.5280 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(140, 25, 93)` looks like.

```
.text, #text, p{  
    color:rgb(140, 25, 93)  
}
```

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(140, 25, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 25, 93) }
```

Border

The CSS property to change the border of an element to YIQ 67.1370, 46.7120, 45.5280 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(140, 25, 93) }
```


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

```
.border{ border-color:rgb(140, 25, 93) }
```

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

Here you see how a box with a 4 pixel rgb(140, 25, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 25, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 25, 93);  
box-shadow:4px 4px 4px 4px rgb(140, 25,  
93) }
```

Background

The CSS property to change the background color of an element to YIQ 67.1370, 46.7120, 45.5280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 25, 93) }
```

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

```
.background{ background-color: rgb(140, 25,  
93) }
```

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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