

Converting Colors

YIQ(63.3510, 40.6580, 56.1300)

Have a look what the booklet for
YIQ(63.3510, 40.6580, 56.1300)
contains.

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Color

**YIQ(63.3510, 40.6580,
56.1300)**

Conversions

Conversions Part 1

Format	Color
Hex	891072
RGB	137, 16, 114
RGB Percent	54%, 6%, 45%
CMY	0.4624, 0.9374, 0.5529
CMYK	0.00, 0.88, 0.17, 0.46
HSL	311°, 79%, 30%
HSV	311°, 88%, 54%
XYZ	13.5542, 6.9104, 16.5455
YIQ	63.3510, 40.6580, 56.1300

Conversions

Conversions Part 2

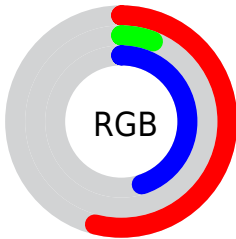
Format	Color
R_{YB}	137, 16, 114
Decimal	8982642
CIE _{Lab}	31.60, 56.04, -24.65
CIE _{LCh}	32, 61.227, 336.255
Yxy	6.9104, 0.3662, 0.1867
Android (android.graphics.Color)	4287172722 (0xFF891072)
YUV	63.3510, 24.9700, 64.5902
Hunter-Lab	26.2876, 46.0332, -18.9161

Details

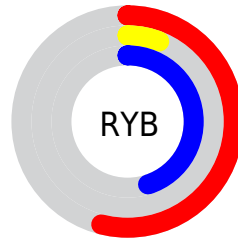
The YIQ color **63.3510, 40.6580, 56.1300** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **89.6490, -40.6580, -56.1300**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.3030, 40.6130, 51.4370**, and **32.3410, 28.2820, 38.1220** is the 20% darker color. If you saturate the color by 10%, you get **54.7910, 45.4710, 62.5190**, and if you desaturate by 10%, it is **71.9110, 35.8450, 49.7410**.

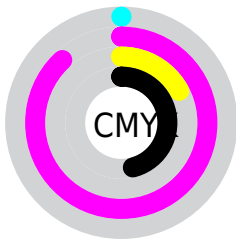
Distribution



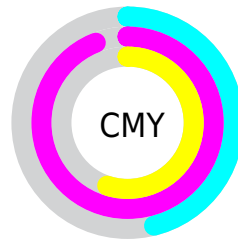
- Red (54%)
- Green (6%)
- Blue (45%)



- Red (54%)
- Yellow (6%)
- Blue (45%)



- Cyan (0%)
- Magenta (88%)
- Yellow (17%)
- Black (46%)



- Cyan (46%)
- Magenta (94%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 63.3510, 40.6580, 56.1300 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 63.3510, 40.6580, 56.1300 by changing the saturation by 10% instead.

63.3510, 40.6580,
56.1300

63.3510, 40.6580,
56.1300

255.0000, -0.0000,
-0.0000

43.0360, 36.9910,
50.9990

123.3030, 40.6130,
51.4370

32.3410, 28.2820,
38.1220

151.0150, 41.4840,
52.1720

22.2440, 20.7650,
25.6690

179.6130, 42.6760,
52.5960

11.1790, 10.2220,
12.9900

199.8390, 27.1800,
47.0840

0.0000, 0.0000,
0.0000

216.8450, 17.8750,
33.9950

233.8680, 9.9000,

18.8280

250.8910, 1.9250,
3.6610

63.3510, 40.6580,
56.1300

63.3510, 40.6580,
56.1300

54.7910, 45.4710,
62.5190

71.9110, 35.8450,
49.7410

53.6170, 46.0210,
63.5650

79.7700, 31.6280,
43.5640

88.3300, 26.8150,
37.1750

96.7760, 22.3230,
30.4750

105.3360, 17.5100,
24.0860

■ 113.3090, 12.9720,
18.2200

■ 121.7550, 8.4800,
11.5200

■ 130.3150, 3.6670,
5.1310

■ 138.2880, -0.8710,
-0.7350

Harmonies

Analogous

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



74.5440, -14.7700, 36.4140



63.3510, 40.6580, 56.1300



53.9830, 70.8730, 53.6970

Triad

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



63.3510, 40.6580, 56.1300



69.4290, 28.5680, -22.1520



70.1120, -67.9010, -8.4210

Complementary

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



63.3510, 40.6580, 56.1300



89.6490, -40.6580, -56.1300

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.



64.7540, -52.8140, -23.0380



63.3510, 40.6580, 56.1300



59.1420, -7.8330, -39.7770

Square

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



63.3510, 40.6580, 56.1300



69.3500, 57.3120, -3.4240



57.6520, -35.5720, -38.1640



71.4120, -77.0730, 3.6230

Rectangle

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



63.3510, 40.6580, 56.1300



51.3130, 78.2110, 41.8510



57.6520, -35.5720, -38.1640



68.4020, -63.0860, -13.0860

Sweetspot

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



63.3510, 40.6580, 56.1300



149.0970, 16.6850, 22.5170



36.3720, -25.7290, 42.2950



71.9940, 9.3050, 13.0890



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



63.3510, 40.6580, 56.1300



70.0510, 60.1390, 83.0430



56.5110, 59.9180, 37.4700



64.7770, 2.2460, 3.3500



51.9650, 44.9210, 61.4730



1.9510, 1.6960, 2.3040

Inverse Universe

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



63.3510, 40.6580, 56.1300



70.0510, 60.1390, 83.0430



96.4890, -59.9180, -37.4700



64.7770, 2.2460, 3.3500



51.9650, 44.9210, 61.4730



1.9510, 1.6960, 2.3040

Previews

White Background



This preview shows how the YIQ color 63.3510, 40.6580, 56.1300 looks on a white background.

Color Contrast Check

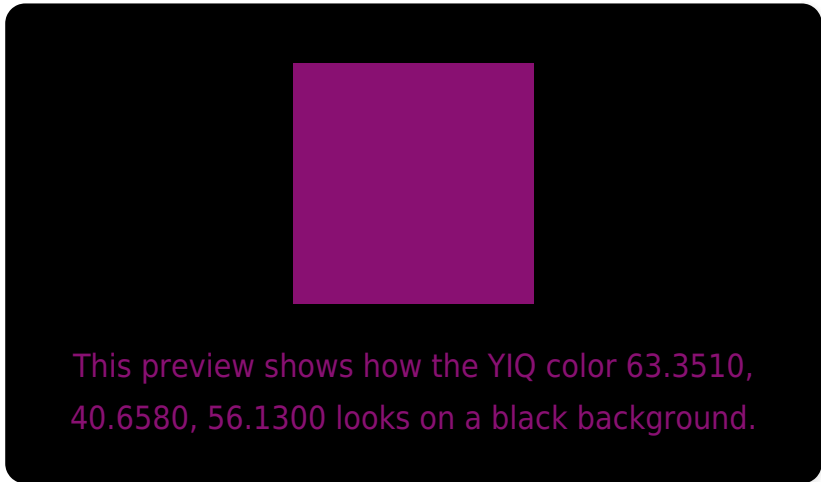
Large Text (above 18pt) WCAG AA ✓ Pass

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

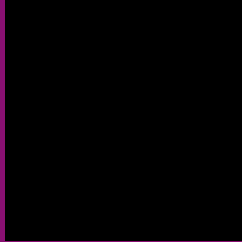
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 63.3510, 40.6580, 56.1300

Background



This preview shows how black text looks on a background with the YIQ color 63.3510, 40.6580, 56.1300.



This preview shows how white text looks on a background with the YIQ color 63.3510, 40.6580,

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

63.3510, 40.6580, 56.1300

Protanopia

61.3360, -70.7470, 10.1250

Deuteranopia

76.5440, -15.9110, 7.5210



Tritanopia

72.3440, 49.4220, 18.4300

Trichromacy



Original Color

63.3510, 40.6580, 56.1300

Protanomaly

62.1350, -30.0360, 26.7320

Deuteranomaly

71.7460, 4.6720, 25.4720

Tritanomaly

69.2210, 45.9350, 32.0710

Monochromacy



Original Color

63.3510, 40.6580, 56.1300

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.2600, 14.6680, 20.5240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 63.3510, 40.6580, 56.1300 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(137, 16, 114)` looks like.

```
.text, #text, p{  
    color:rgb(137, 16, 114)  
}
```

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(137, 16, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 16, 114) }
```

Border

The CSS property to change the border of an element to YIQ 63.3510, 40.6580, 56.1300 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(137, 16, 114) }
```


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

```
.border{ border-color:rgb(137, 16, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 16, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 16, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 16, 114);  
box-shadow:4px 4px 4px 4px rgb(137, 16,  
114) }
```

Background

The CSS property to change the background color of an element to YIQ 63.3510, 40.6580, 56.1300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 16, 114) }
```

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

```
.background{ background-color: rgb(137, 16,  
114) }
```

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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