

Converting Colors

YIQ(55.6110, 46.1580, 66.5900)

Have a look what the booklet for
YIQ(55.6110, 46.1580, 66.5900)
contains.

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Color

**YIQ(55.6110, 46.1580,
66.5900)**

Conversions

Conversions Part 1

Format	Color
Hex	8D0076
RGB	141, 0, 118
RGB Percent	55%, 0%, 46%
CMY	0.4466, 0.9999, 0.5372
CMYK	0.00, 1.00, 0.16, 0.45
HSL	310°, 100%, 28%
HSV	310°, 100%, 55%
XYZ	14.2737, 6.9804, 17.7419
YIQ	55.6110, 46.1580, 66.5900

Conversions

Conversions Part 2

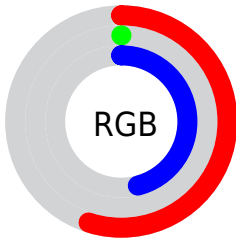
Format	Color
R_{YB}	141, 0, 118
Decimal	9240694
CIE _{Lab}	31.76, 59.90, -26.89
CIE _{LCh}	32, 65.655, 335.823
Yxy	6.9804, 0.3660, 0.1790
Android (android.graphics.Color)	4287430774 (0xFF8D0076)
YUV	55.6110, 30.7578, 74.8862
Hunter-Lab	26.4205, 50.1986, -21.3200

Details

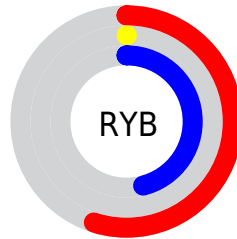
The YIQ color **55.6110, 46.1580, 66.5900** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **85.3890, -46.1580, -66.5900**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.1340, 42.7670, 56.4550**, and **33.5800, 29.1070, 39.6910** is the 20% darker color. If you saturate the color by 10%, you get **55.6110, 46.1580, 66.5900**, and if you desaturate by 10%, it is **64.0570, 41.6660, 59.8900**.

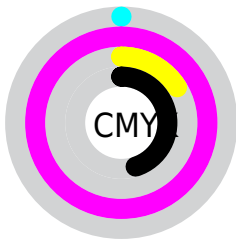
Distribution



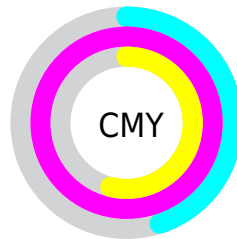
- Red (55%)
- Green (0%)
- Blue (46%)



- Red (55%)
- Yellow (0%)
- Blue (46%)



- Cyan (0%)
- Magenta (100%)
- Yellow (16%)
- Black (45%)



- Cyan (45%)
- Magenta (100%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 55.6110, 46.1580, 66.5900 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 55.6110, 46.1580, 66.5900 by changing the saturation by 10% instead.

■ 55.6110, 46.1580,
66.5900

■ 55.6110, 46.1580,
66.5900

■ 255.0000, -0.0000,
-0.0000

■ 44.3890, 37.4950,
52.8790

■ 122.7210, 42.4920,
55.9320

■ 33.5800, 29.1070,
39.6910

■ 151.2050, 44.0050,
56.0450

■ 23.5970, 21.2690,
27.5490

■ 178.3190, 43.6840,
56.3560

■ 12.7170, 11.6430,
14.7710

■ 198.0610, 26.6750,
50.7310

■ 0.0000, 0.0000,
0.0000

■ 215.0840, 18.7000,
35.5640

■ 232.1070, 10.7250,

20.3970

■ 249.1300, 2.7500,
5.2300

■ 55.6110, 46.1580,
66.5900

■ 64.0570, 41.6660,
59.8900

■ 72.6170, 36.8530,
53.5010

■ 81.0630, 32.3610,
46.8010

■ 89.5090, 27.8690,
40.1010

■ 98.6560, 22.7810,
33.1890

■ 107.1020, 18.2890,
26.4890

■ 115.5480, 13.7970,
19.7890

■ 123.9940, 9.3050,
13.0890

■ 132.5540, 4.4920,
6.7000

Harmonies

Analogous

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



74.7440, -18.2090, 38.1670



55.6110, 46.1580, 66.5900



55.7770, 74.4490, 54.9690

Triad

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



55.6110, 46.1580, 66.5900



69.4290, 28.5680, -22.1520



71.1550, -69.4600, -7.7000

Complementary

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



55.6110, 46.1580, 66.5900



85.3890, -46.1580, -66.5900

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.



65.3410, -53.0890, -23.5610



55.6110, 46.1580, 66.5900



57.6470, -10.8130, -40.8370

Square

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



55.6110, 46.1580, 66.5900



69.6600, 59.3750, -2.2650



57.7830, -34.5630, -39.9310



72.7970, -79.5950, 5.2770

Rectangle

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



55.6110, 46.1580, 66.5900



51.1180, 83.2540, 44.0700



57.7830, -34.5630, -39.9310



69.3310, -64.3240, -12.6760

Sweetspot

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



55.6110, 46.1580, 66.5900



150.6890, 18.0140, 25.9660



22.3530, -32.7450, 48.3030



71.9450, 11.0010, 15.3930



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.



55.6110, 46.1580, 66.5900



72.5720, 60.2300, 86.9020



47.7450, 68.3070, 45.1310



66.7770, 2.2460, 3.3500



53.2470, 44.1870, 63.7630



3.0760, 2.8420, 3.5620

Inverse Universe

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



55.6110, 46.1580, 66.5900



72.5720, 60.2300, 86.9020



93.2550, -68.3070, -45.1310



66.7770, 2.2460, 3.3500



53.2470, 44.1870, 63.7630



3.0760, 2.8420, 3.5620

Previews

White Background



This preview shows how the YIQ color 55.6110, 46.1580, 66.5900 looks on a white background.

Color Contrast Check

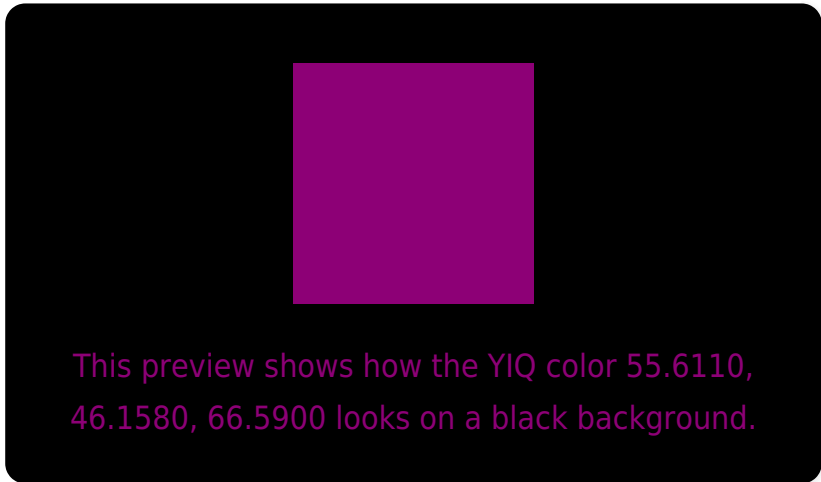
Large Text (above 18pt) WCAG AA ✓ Pass

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

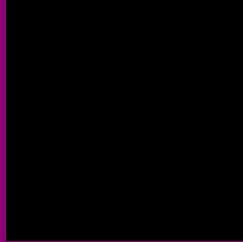
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 55.6110, 46.1580, 66.5900

Background



This preview shows how black text looks on a background with the YIQ color 55.6110, 46.1580, 66.5900.



This preview shows how white text looks on a background with the YIQ color 55.6110, 46.1580,

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

55.6110, 46.1580, 66.5900

Protanopia

62.2650, -71.9850, 10.5350

Deuteranopia

77.5870, -17.4700, 8.2420



Tritanopia

72.9530, 52.0810, 19.8010

Trichromacy



Original Color

55.6110, 46.1580, 66.5900

Protanomaly

59.9550, -29.3490, 30.8030

Deuteranomaly

69.5660, 5.3590, 29.5430

Tritanomaly

66.4220, 49.9230, 36.8910

Monochromacy



Original Color

55.6110, 46.1580, 66.5900

Achromatopsia

56.0000, -0.0000, 0.0000

Achromatomaly

56.1510, 16.5930, 24.1850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 55.6110, 46.1580, 66.5900 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(141, 0, 118)` looks like.

```
.text, #text, p{  
    color:rgb(141, 0, 118)  
}
```

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(141, 0, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 0, 118) }
```

Border

The CSS property to change the border of an element to YIQ 55.6110, 46.1580, 66.5900 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(141, 0, 118) }
```


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

```
.border{ border-color:rgb(141, 0, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 0, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 0, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 0, 118);  
box-shadow:4px 4px 4px 4px rgb(141, 0,  
118) }
```

Background

The CSS property to change the background color of an element to YIQ 55.6110, 46.1580, 66.5900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 0, 118) }
```

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

```
.background{ background-color: rgb(141, 0,  
118) }
```

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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