

Converting Colors

YIQ(55.2160, 1.9140, 64.4580)

Have a look what the booklet for
YIQ(55.2160, 1.9140, 64.4580)
contains.

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Color

**YIQ(55.2160, 1.9140,
64.4580)**

Conversions

Conversions Part 1

Format	Color
Hex	610DA3
RGB	97, 13, 163
RGB Percent	38%, 5%, 64%
CMY	0.6193, 0.9492, 0.3609
CMYK	0.40, 0.92, 0.00, 0.36
HSL	274°, 85%, 34%
HSV	274°, 92%, 64%
XYZ	11.6896, 5.4758, 35.0781
YIQ	55.2160, 1.9140, 64.4580

Conversions

Conversions Part 2

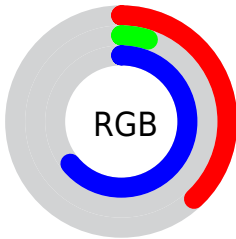
Format	Color
RYB	97, 13, 163
Decimal	6360483
CIELab	28.05, 58.78, -61.16
CIELCh	28, 84.828, 313.865
Yxy	5.4758, 0.2238, 0.1048
Android (android.graphics.Color)	4284550563 (0xFF610DA3)
YUV	55.2160, 53.1375, 36.6446
Hunter-Lab	23.4004, 48.2182, -72.4977

Details

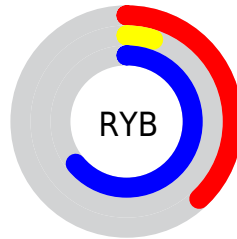
The YIQ color **55.2160, 1.9140, 64.4580** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **120.7840, -1.9140, -64.4580**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.4500, 1.1350, 62.0550**, and **23.6030, -13.2580, 42.0540** is the 20% darker color. If you saturate the color by 10%, you get **45.7910, 1.9130, 69.9850**, and if you desaturate by 10%, it is **66.7010, 1.6860, 57.5740**.

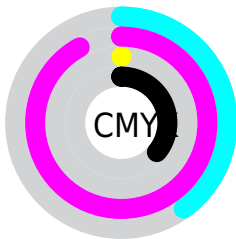
Distribution



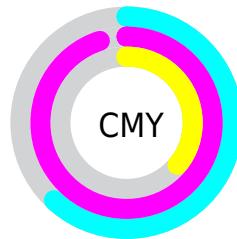
- Red (38%)
- Green (5%)
- Blue (64%)



- Red (38%)
- Yellow (5%)
- Blue (64%)



- Cyan (40%)
- Magenta (92%)
- Yellow (0%)
- Black (36%)



- Cyan (62%)
- Magenta (95%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 55.2160, 1.9140, 64.4580 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 55.2160, 1.9140, 64.4580 by changing the saturation by 10% instead.

■ 55.2160, 1.9140,
64.4580

■ 55.2160, 1.9140,
64.4580

■ 255.0000, -0.0000,
-0.0000

■ 35.8360, -3.1280,
56.7120

■ 114.4500, 1.1350,
62.0550

■ 23.6030, -13.2580,
42.0540

■ 141.6890, 1.9600,
63.6240

■ 9.6900, -27.2850,
26.4350

■ 167.0070, 9.5720,
57.8280

■ 6.8400, -19.2600,
18.6600

■ 192.4130, 19.7520,
49.5440

■ 5.5060, -12.7480,
10.7720

■ 212.7360, 19.8000,
37.6560


■ 2.1830, -4.7690,
3.8310


■ 229.1720, 12.1000,


■ 0.0000, 0.0000,


23.0120


0.0000

 246.1950, 4.1250,
7.8450

 55.2160, 1.9140,
64.4580

 55.2160, 1.9140,
64.4580

 45.7910, 1.9130,
69.9850

 66.7010, 1.6860,
57.5740

 78.7730, 1.1830,
50.1670

 90.5570, 1.5510,
43.4950

 102.0420, 1.3230,
36.6110

 113.5270, 1.0950,
29.7270

■ 125.5990, 0.5920,
22.3200

■ 137.0840, 0.3640,
15.4360

■ 148.5690, 0.1360,
8.5520

■ 160.9400, 0.2290,
1.3570

Harmonies

Analogous

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



61.9010, -81.9830, 26.5370



55.2160, 1.9140, 64.4580



59.0980, 60.7840, 65.8400

Triad

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



55.2160, 1.9140, 64.4580



61.6530, 52.0850, -2.3070



62.6000, -55.0160, -16.1680

Complementary

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



55.2160, 1.9140, 64.4580



120.7840, -1.9140, -64.4580

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.



53.4460, -31.9960, -36.8920



55.2160, 1.9140, 64.4580



58.6980, 11.5130, -26.9430

Square

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



55.2160, 1.9140, 64.4580



44.8500, 89.4000, 31.8000



48.7210, -22.8250, -43.4090



70.2550, -75.1930, 2.5910

Rectangle

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



55.2160, 1.9140, 64.4580



57.8980, 81.4180, 55.3220



48.7210, -22.8250, -43.4090



60.0920, -47.9540, -23.0100

Sweetspot

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



55.2160, 1.9140, 64.4580



169.0060, 1.0040, 25.8680



69.4290, -66.5750, 11.6090



81.0840, 0.3640, 15.4360



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



55.2160, 1.9140, 64.4580



59.7490, 2.8720, 91.1600



74.0380, 43.8180, 75.9620



75.5210, 0.0910, 3.8590



41.0480, 2.3270, 62.4790



5.0420, 0.1820, 7.7180

Inverse Universe

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



65.3740, 68.2140, 52.3260



73.9900, 96.4990, 73.8670



101.8480, -43.4970, -76.2730



76.1470, 4.0800, 3.1520



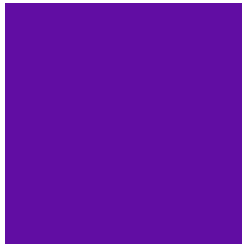
50.6510, 65.8760, 50.6440



6.2940, 8.1600, 6.3040

Previews

White Background



This preview shows how the YIQ color 55.2160, 1.9140, 64.4580 looks on a white background.

Color Contrast Check

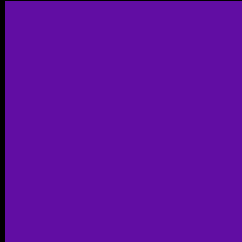
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YIQ color 55.2160, 1.9140, 64.4580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

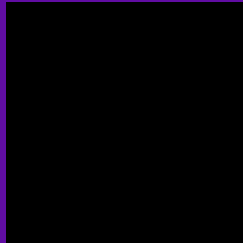
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 55.2160, 1.9140, 64.4580

Background



This preview shows how black text looks on a background with the YIQ color 55.2160, 1.9140, 64.4580.



This preview shows how white text looks on a background with the YIQ color 55.2160, 1.9140,

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

55.2160, 1.9140, 64.4580

Protanopia

54.4740, -62.4480, 8.4000

Deuteranopia

54.6560, -57.4490, 0.3990



Tritanopia

68.4570, 6.1430, 4.3110

Trichromacy



Original Color

55.2160, 1.9140, 64.4580

Protanomaly

54.8120, -39.2520, 28.5560

Deuteranomaly

54.6180, -35.9500, 23.7780

Tritanomaly

63.2730, 4.6260, 26.3060

Monochromacy



Original Color

55.2160, 1.9140, 64.4580

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

55.1260, 0.5460, 23.1540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 55.2160, 1.9140, 64.4580 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(97, 13, 163)` looks like.

```
.text, #text, p{  
    color:rgb(97, 13, 163)  
}
```

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(97, 13, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 13, 163) }
```

Border

The CSS property to change the border of an element to YIQ 55.2160, 1.9140, 64.4580 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(97, 13, 163) }
```


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

```
.border{ border-color:rgb(97, 13, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 13, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 13, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 13, 163);  
box-shadow:4px 4px 4px 4px rgb(97, 13,  
163) }
```

Background

The CSS property to change the background color of an element to YIQ 55.2160, 1.9140, 64.4580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 13, 163) }
```

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

```
.background{ background-color: rgb(97, 13,  
163) }
```

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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