

Converting Colors

YIQ(115.7070, 0.4080, 25.6560)

Have a look what the booklet for
YIQ(115.7070, 0.4080, 25.6560)
contains.

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Color

**YIQ(115.7070, 0.4080,
25.6560)**

Conversions

Conversions Part 1

Format	Color
Hex	84639F
RGB	132, 99, 159
RGB Percent	52%, 39%, 62%
CMY	0.4822, 0.6118, 0.3765
CMYK	0.17, 0.38, 0.00, 0.38
HSL	273°, 24%, 51%
HSV	273°, 38%, 62%
XYZ	20.2379, 16.3318, 34.8814
YIQ	115.7070, 0.4080, 25.6560

Conversions

Conversions Part 2

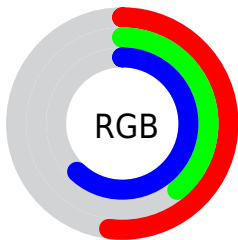
Format	Color
R _Y B	132, 99, 159
Decimal	8676255
CIE Lab	47.41, 25.26, -27.53
CIE LCh	47, 37.363, 312.546
Yxy	16.3318, 0.2832, 0.2286
Android (android.graphics.Color)	4286866335 (0xFF84639F)
YUV	115.7070, 21.3434, 14.2890
Hunter-Lab	40.4126, 18.6674, -22.8862

Details

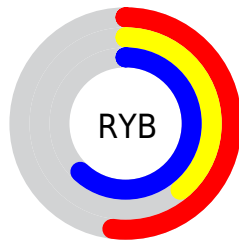
The YIQ color **115.7070, 0.4080, 25.6560** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **142.2930, -0.4080, -25.6560**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **168.0600, 0.9120, 27.5360**, and **66.9410, -0.3710, 23.2530** is the 20% darker color. If you saturate the color by 10%, you get **104.2220, 0.6360, 32.5400**, and if you desaturate by 10%, it is **127.1920, 0.1800, 18.7720**.

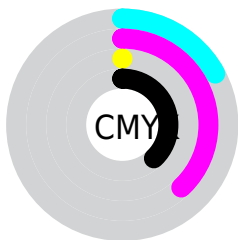
Distribution



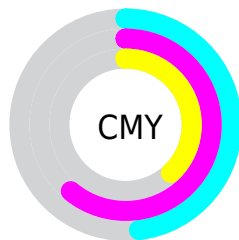
- Red (52%)
- Green (39%)
- Blue (62%)



- Red (52%)
- Yellow (39%)
- Blue (62%)



- Cyan (17%)
- Magenta (38%)
- Yellow (0%)
- Black (38%)



- Cyan (48%)
- Magenta (61%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 115.7070, 0.4080, 25.6560 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 115.7070, 0.4080, 25.6560 by changing the saturation by 10% instead.

■ 115.7070, 0.4080,
25.6560

■ 115.7070, 0.4080,
25.6560

255.0000, -0.0000,
-0.0000

■ 90.8810, -0.1420,
24.6100

■ 168.0600, 0.9120,
27.5360

■ 66.9410, -0.3710,
23.2530

■ 195.4730, 1.1870,
28.0590

■ 43.5280, -0.6460,
22.7300

■ 222.0620, 6.5980,
23.6060

■ 21.5880, -0.8750,
21.3730

■ 242.0860, 6.0500,
11.5060

■ 6.6100, -7.1090,
13.2030

■ 2.1830, -4.7690,
3.8310

■ 0.0000, 0.0000,

0.0000

■ 115.7070, 0.4080,
25.6560

■ 115.7070, 0.4080,
25.6560

■ 104.2220, 0.6360,
32.5400

■ 127.1920, 0.1800,
18.7720

■ 92.7370, 0.8640,
39.4240

■ 138.6770, -0.0480,
11.8880

■ 81.2520, 1.0920,
46.3080

■ 150.1620, -0.2760,
5.0040

■ 69.4680, 0.7240,
52.9800

■ 161.9460, 0.0920,
-1.6680

■ 57.9830, 0.9520,
59.8640

■ 172.8440, 0.1390,
-8.0290

■ 47.0850, 0.9050,
66.2250

■ 184.3290, -0.0890,
-14.9130

■ 44.4380, 1.4090,
68.1050

■ 195.8140, -0.3170,
-21.7970

■ 207.2990, -0.5450,
-28.6810

■ 218.7840, -0.7730,
-35.5650

Harmonies

Analogous

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



110.1090, -36.3150, 13.8690



115.7070, 0.4080, 25.6560



115.4300, 29.1090, 28.6370

Triad

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



115.7070, 0.4080, 25.6560



110.6300, 41.7240, -7.2680



89.3860, -75.3250, -28.0690

Complementary

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



115.7070, 0.4080, 25.6560



142.2930, -0.4080, -25.6560

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.



95.3170, -44.5140, -30.2900



115.7070, 0.4080, 25.6560



108.3730, 22.9740, -19.8900

Square

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



115.7070, 0.4080, 25.6560



112.3190, 50.5700, 8.6340



104.6130, -4.3050, -26.6170



92.1050, -84.3590, -18.5270

Rectangle

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



115.7070, 0.4080, 25.6560



113.9660, 42.0390, 25.5830



104.6130, -4.3050, -26.6170



88.1320, -71.7940, -31.4900

Sweetspot

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



115.7070, 0.4080, 25.6560



190.2100, -0.2310, 9.6970



121.6890, -26.6850, 4.5390



94.6890, -0.3220, 5.8380



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



115.7070, 0.4080, 25.6560



139.8510, 0.5430, 39.7350



123.4380, 17.4630, 30.4470



73.1080, -0.1840, 3.3360



39.9230, 1.1810, 61.2210



4.1020, -0.0470, 6.3610

Inverse Universe

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



120.0180, 27.0930, 21.1170



146.4810, 42.2670, 32.4670



134.5620, -17.4630, -30.4470



73.8480, 3.4840, 2.9400



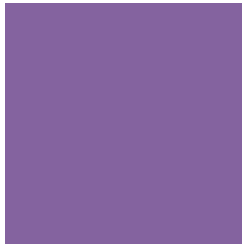
50.0530, 64.6840, 50.2200



5.2830, 6.6930, 5.3570

Previews

White Background



This preview shows how the YIQ color 115.7070, 0.4080, 25.6560 looks on a white background.

Color Contrast Check

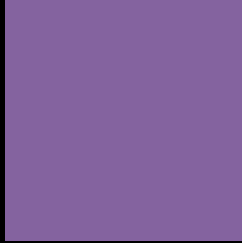
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 115.7070, 0.4080, 25.6560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 115.7070, 0.4080, 25.6560

Background



This preview shows how black text looks on a background with the YIQ color 115.7070, 0.4080, 25.6560.



This preview shows how white text looks on a background with the YIQ color 115.7070, 0.4080,

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

115.7070, 0.4080, 25.6560

Protanopia

112.2300, -29.3460, 14.2220

Deuteranopia

112.3570, -22.5140, 11.5500



Tritanopia

113.9950, 7.5640, 6.0920

Trichromacy



Original Color

115.7070, 0.4080, 25.6560

Protanomaly

113.6120, -18.6180, 18.0380

Deuteranomaly

113.7110, -14.5830, 16.4970

Tritanomaly

114.9550, 5.0410, 13.2730

Monochromacy



Original Color

115.7070, 0.4080, 25.6560

Achromatopsia

116.0000, -0.0000, 0.0000

Achromatomaly

116.0960, 0.0900, 9.3860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.7070, 0.4080, 25.6560 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(132, 99, 159)` looks like.

```
.text, #text, p{  
    color:rgb(132, 99, 159)  
}
```

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(132, 99, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 99, 159) }
```

Border

The CSS property to change the border of an element to YIQ 115.7070, 0.4080, 25.6560 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(132, 99, 159) }
```


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

```
.border{ border-color:rgb(132, 99, 159) }
```

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

Here you see how a box with a 4 pixel rgb(132, 99, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 99, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 99, 159);  
box-shadow:4px 4px 4px 4px rgb(132, 99,  
159) }
```

Background

The CSS property to change the background color of an element to YIQ 115.7070, 0.4080, 25.6560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 99, 159) }
```

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

```
.background{ background-color: rgb(132, 99,  
159) }
```

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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