

Converting Colors

YIQ(78.8950, 14.4380, 24.6940)

Have a look what the booklet for
YIQ(78.8950, 14.4380, 24.6940)
contains.

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Color

**YIQ(78.8950, 14.4380,
24.6940)**

Conversions

Conversions Part 1

Format	Color
Hex	6C3B69
RGB	108, 59, 105
RGB Percent	42%, 23%, 41%
CMY	0.5763, 0.7687, 0.5882
CMYK	0.00, 0.45, 0.03, 0.58
HSL	304°, 29%, 33%
HSV	304°, 45%, 42%
XYZ	10.3018, 7.3363, 14.2392
YIQ	78.8950, 14.4380, 24.6940

Conversions

Conversions Part 2

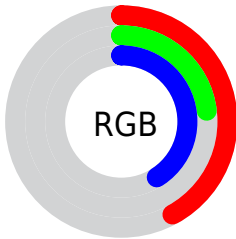
Format	Color
R_{YB}	108, 59, 105
Decimal	7093097
CIE _{Lab}	32.56, 29.08, -17.79
CIE _{LCh}	33, 34.092, 328.542
Yxy	7.3363, 0.3232, 0.2301
Android (android.graphics.Color)	4285283177 (0xFF6C3B69)
YUV	78.8950, 12.8698, 25.5251
Hunter-Lab	27.0857, 20.4914, -12.2093

Details

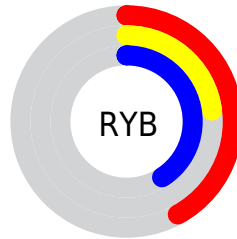
The YIQ color **78.8950, 14.4380, 24.6940** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **88.1050, -14.4380, -24.6940**, and the grayscale version is **79.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **129.3190, 16.1800, 26.1640**, and **31.2970, 13.2460, 24.2700** is the 20% darker color. If you saturate the color by 10%, you get **72.3240, 17.7840, 30.1360**, and if you desaturate by 10%, it is **85.4660, 11.0920, 19.2520**.

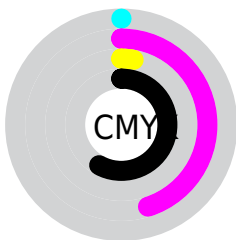
Distribution



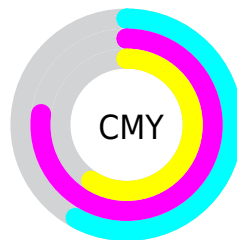
- Red (42%)
- Green (23%)
- Blue (41%)



- Red (42%)
- Yellow (23%)
- Blue (41%)



- Cyan (0%)
- Magenta (45%)
- Yellow (3%)
- Black (58%)



- Cyan (58%)
- Magenta (77%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 78.8950, 14.4380, 24.6940 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 78.8950, 14.4380, 24.6940 by changing the saturation by 10% instead.

■ 78.8950, 14.4380,
24.6940

■ 78.8950, 14.4380,
24.6940

■ 255.0000, -0.0000,
-0.0000

■ 55.1830, 13.5670,
23.9590

■ 129.3190, 16.1800,
26.1640

■ 31.2970, 13.2460,
24.2700

■ 155.7320, 16.4550,
26.6870

■ 15.4660, 11.0920,
19.2520

■ 182.5580, 17.0050,
27.7330

■ 1.3680, -3.8520,
3.7320

■ 210.2700, 17.8760,
28.4680

■ 0.0000, 0.0000,
0.0000

■ 231.5200, 11.0000,
20.9200

■ 248.5430, 3.0250,

5.7530

■ 78.8950, 14.4380,
24.6940

■ 78.8950, 14.4380,
24.6940

■ 72.3240, 17.7840,
30.1360

■ 85.4660, 11.0920,
19.2520

■ 65.8670, 20.8090,
35.8890

■ 91.9230, 8.0670,
13.4990

■ 59.8830, 23.8800,
40.8080

■ 97.9070, 4.9960,
8.5800

■ 53.3120, 27.2260,
46.2500

■ 104.4780, 1.6500,
3.1380

■ 46.8550, 30.2510,
52.0030

■ 110.9350, -1.3750,
-2.6150

■ 43.8060, 31.9470,
54.3070

■ 117.5060, -4.7210,
-8.0570

■ 124.0770, -8.0670,
-13.4990

■ 129.9470,
-10.8170, -18.7290

■ 136.5180,
-14.1630, -24.1710

Harmonies

Analogous

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



77.6510, -14.3540, 17.8540



78.8950, 14.4380, 24.6940



76.6060, 34.2450, 23.6610

Triad

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



78.8950, 14.4380, 24.6940



73.6990, 28.1080, -13.8120



63.7570, -56.8960, -15.1360

Complementary

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



78.8950, 14.4380, 24.6940



88.1050, -14.4380, -24.6940

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.



61.2660, -48.5040, -24.0560



78.8950, 14.4380, 24.6940



71.4190, 8.1650, -21.3310

Square

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



78.8950, 14.4380, 24.6940



75.4760, 39.5220, -0.3980



65.0980, -21.7280, -24.7360



64.3900, -62.8120, -7.0360

Rectangle

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



78.8950, 14.4380, 24.6940



75.7390, 40.9400, 17.9640



65.0980, -21.7280, -24.7360



63.4320, -54.6030, -18.1470

Sweetspot

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



78.8950, 14.4380, 24.6940



128.7330, 5.5460, 9.6260



65.1840, -14.5370, 15.6630



63.9560, 3.3000, 6.2760



199.0000, -0.0000, 0.0000



71.0000, -0.0000, -0.0000

Same Dimension

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



78.8950, 14.4380, 24.6940



95.5190, 21.9090, 37.9810



76.1590, 22.1420, 17.2300



50.3640, 1.9710, 2.8270



47.5230, 34.4220, 59.0140



99.4750, 72.1900, 123.4700

Inverse Universe

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



78.8950, 14.4380, 24.6940



95.5190, 21.9090, 37.9810



90.8410, -22.1420, -17.2300



50.3640, 1.9710, 2.8270



47.5230, 34.4220, 59.0140



99.4750, 72.1900, 123.4700

Previews

White Background



This preview shows how the YIQ color 78.8950, 14.4380, 24.6940 looks on a white background.

Color Contrast Check

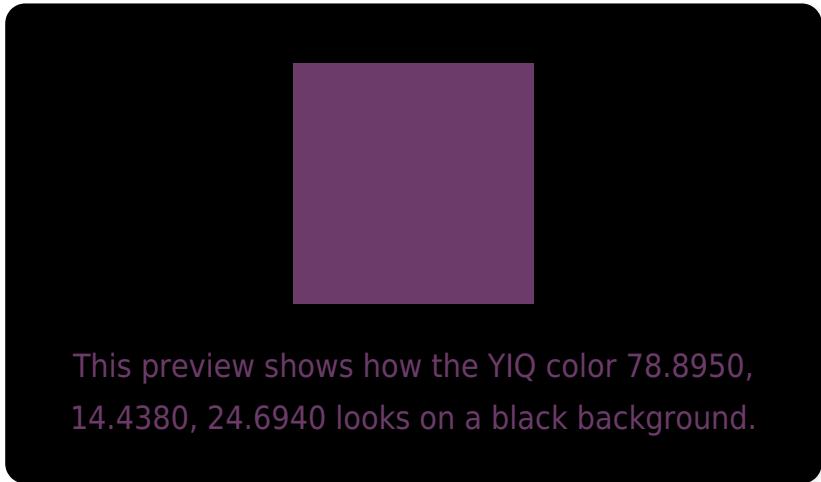
Large Text (above 18pt) WCAG AA ✓ Pass

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 78.8950, 14.4380, 24.6940

Background



This preview shows how black text looks on a background with the YIQ color 78.8950, 14.4380, 24.6940.



This preview shows how white text looks on a background with the YIQ color 78.8950, 14.4380,

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

78.8950, 14.4380, 24.6940

Protanopia

76.6020, -21.8260, 10.0940

Deuteranopia

77.4690, -11.3260, 7.0260



Tritanopia

78.6330, 20.4470, 9.3990

Trichromacy



Original Color

78.8950, 14.4380, 24.6940

Protanomaly

77.5930, -8.4390, 15.2810

Deuteranomaly

77.9480, -2.2490, 13.2310

Tritanomaly

78.5390, 18.0160, 14.9120

Monochromacy



Original Color

78.8950, 14.4380, 24.6940

Achromatopsia

79.0000, -0.0000, 0.0000

Achromatomaly

79.2060, 5.5920, 8.7920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 78.8950, 14.4380, 24.6940 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(108, 59, 105)` looks like.

```
.text, #text, p{  
    color:rgb(108, 59, 105)  
}
```

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(108, 59, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 59, 105) }
```

Border

The CSS property to change the border of an element to YIQ 78.8950, 14.4380, 24.6940 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(108, 59, 105) }
```


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

```
.border{ border-color:rgb(108, 59, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 59, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 59, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 59, 105);  
box-shadow:4px 4px 4px 4px rgb(108, 59,  
105) }
```

Background

The CSS property to change the background color of an element to YIQ 78.8950, 14.4380, 24.6940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 59, 105) }
```

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

```
.background{ background-color: rgb(108, 59,  
105) }
```

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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