

Converting Colors

YIQ(95.7960, 28.7390, 46.3630)

Have a look what the booklet for
YIQ(95.7960, 28.7390, 46.3630)
contains.

YIQ(95.7960, 28.7390, 46.3630)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(95.7960, 28.7390,
46.3630)**

Conversions

Conversions Part 1

Format	Color
Hex	983A8F
RGB	152, 58, 143
RGB Percent	60%, 23%, 56%
CMY	0.4036, 0.7727, 0.4392
CMYK	0.00, 0.62, 0.06, 0.40
HSL	306°, 45%, 41%
HSV	306°, 62%, 60%
XYZ	19.4320, 11.6879, 27.2233
YIQ	95.7960, 28.7390, 46.3630

Conversions

Conversions Part 2

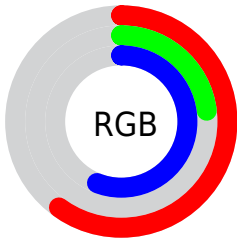
Format	Color
R _Y B	152, 58, 143
Decimal	9976463
CIE Lab	40.72, 50.09, -28.21
CIE LCh	41, 57.486, 330.611
Yxy	11.6879, 0.3331, 0.2003
Android (android.graphics.Color)	4288166543 (0xFF983A8F)
YUV	95.7960, 23.2716, 49.2909
Hunter-Lab	34.1876, 41.6302, -23.2809

Details

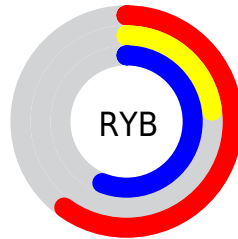
The YIQ color **95.7960, 28.7390, 46.3630** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **114.2040, -28.7390, -46.3630**, and the grayscale version is **96.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **150.1060, 30.8020, 47.5220**, and **39.7900, 28.8760, 49.3880** is the 20% darker color. If you saturate the color by 10%, you get **86.8770, 33.1850, 53.8970**, and if you desaturate by 10%, it is **104.7150, 24.2930, 38.8290**.

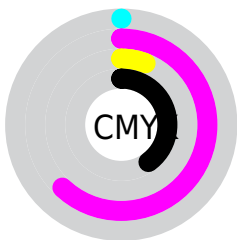
Distribution



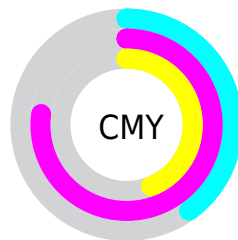
- Red (60%)
- Green (23%)
- Blue (56%)



- Red (60%)
- Yellow (23%)
- Blue (56%)



- Cyan (0%)
- Magenta (62%)
- Yellow (6%)
- Black (40%)





- Cyan (40%)
- Magenta (77%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 95.7960, 28.7390, 46.3630 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 95.7960, 28.7390, 46.3630 by changing the saturation by 10% instead.


 95.7960, 28.7390,
46.3630


 95.7960, 28.7390,
46.3630


255.0000, -0.0000,
-0.0000


 68.3230, 28.6930,
47.1970


 150.1060, 30.8020,
47.5220


 39.7900, 28.8760,
49.3880


 177.8180, 31.6730,
48.2570

 29.2800, 21.0840,
36.4120

 202.6430, 24.7960,
46.2360

 19.8950, 14.4380,
24.6940

 219.1930, 16.7750,
31.9030

 6.3240, -0.5520,
10.0080

 235.6290, 9.0750,
17.2590

 0.0000, 0.0000,
0.0000

 252.6520, 1.1000,

2.0920

■ 95.7960, 28.7390,
46.3630

■ 95.7960, 28.7390,
46.3630

■ 86.8770, 33.1850,
53.8970

■ 104.7150, 24.2930,
38.8290

■ 77.8440, 37.9520,
61.1200

■ 113.7480, 19.5260,
31.6060

■ 68.3380, 42.6730,
69.1770

■ 123.2540, 14.8050,
23.5490

■ 61.0660, 46.6150,
74.8310

■ 132.2870, 10.0380,
16.3260

■ 141.2060, 5.5920,
8.7920

■ 150.2390, 0.8250,
1.5690

■ 159.1580, -3.6210,
-5.9650

■ 168.7780, -8.6630,
-13.7110

■ 177.6970,
-13.1090, -21.2450

Harmonies

Analogous

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



96.8200, -24.5350, 31.6650



95.7960, 28.7390, 46.3630



87.1620, 62.7590, 46.5590

Triad

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



95.7960, 28.7390, 46.3630



89.8620, 43.2860, -24.5700



84.3940, -77.8030, -16.1950

Complementary

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



95.7960, 28.7390, 46.3630



114.2040, -28.7390, -46.3630

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.



79.6230, -62.9910, -31.3350



95.7960, 28.7390, 46.3630



83.1410, 11.1030, -41.5450

Square

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



95.7960, 28.7390, 46.3630



89.5870, 69.6460, -6.6900



72.1620, -46.1160, -45.3160



86.0360, -87.9380, -3.2180

Rectangle

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



95.7960, 28.7390, 46.3630



87.1610, 72.5270, 34.7270



72.1620, -46.1160, -45.3160



83.2710, -73.2630, -21.3830

Sweetspot

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



95.7960, 28.7390, 46.3630



176.2380, 11.7340, 18.6300



71.1080, -25.4060, 30.9300



85.8580, 6.6920, 10.8840



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



95.7960, 28.7390, 46.3630



111.1150, 44.9190, 72.5270



90.5520, 43.5050, 32.0570



72.1900, 2.5210, 3.8730



56.3380, 42.6730, 69.1770



5.2550, 3.8960, 6.4880

Inverse Universe

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



95.7960, 28.7390, 46.3630



111.1150, 44.9190, 72.5270



119.4480, -43.5050, -32.0570



72.1900, 2.5210, 3.8730



56.3380, 42.6730, 69.1770



5.2550, 3.8960, 6.4880

Previews

White Background



This preview shows how the YIQ color 95.7960, 28.7390, 46.3630 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 95.7960, 28.7390, 46.3630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

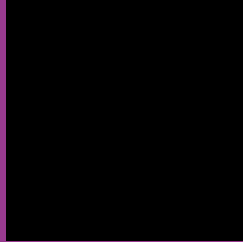
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 95.7960, 28.7390, 46.3630

Background



This preview shows how black text looks on a background with the YIQ color 95.7960, 28.7390, 46.3630.



This preview shows how white text looks on a background with the YIQ color 95.7960, 28.7390,

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

95.7960, 28.7390, 46.3630

Protanopia

92.4700, -47.4570, 17.5590

Deuteranopia

96.4880, -21.5050, 9.7830



Tritanopia

96.6140, 39.7940, 16.7060

Trichromacy



Original Color

95.7960, 28.7390, 46.3630

Protanomaly

93.6370, -19.7660, 27.8340

Deuteranomaly

95.9730, -3.3970, 23.0270

Tritanomaly

96.6110, 35.8490, 27.6330

Monochromacy



Original Color

95.7960, 28.7390, 46.3630

Achromatopsia

96.0000, -0.0000, 0.0000

Achromatomaly

95.7000, 10.3130, 16.8490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 95.7960, 28.7390, 46.3630 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(152, 58, 143)` looks like.

```
.text, #text, p{  
    color:rgb(152, 58, 143)  
}
```

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(152, 58, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 58, 143) }
```

Border

The CSS property to change the border of an element to YIQ 95.7960, 28.7390, 46.3630 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(152, 58, 143) }
```


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

```
.border{ border-color:rgb(152, 58, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 58, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 58, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 58, 143);  
box-shadow:4px 4px 4px 4px rgb(152, 58,  
143) }
```

Background

The CSS property to change the background color of an element to YIQ 95.7960, 28.7390, 46.3630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 58, 143) }
```

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

```
.background{ background-color: rgb(152, 58,  
143) }
```

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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