

Converting Colors

YIQ(56.7980, 26.3980, 61.2620)

Have a look what the booklet for
YIQ(56.7980, 26.3980, 61.2620)
contains.

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Color

**YIQ(56.7980, 26.3980,
61.2620)**

Conversions

Conversions Part 1

Format	Color
Hex	780A84
RGB	120, 10, 132
RGB Percent	47%, 4%, 52%
CMY	0.5291, 0.9609, 0.4823
CMYK	0.09, 0.92, 0.00, 0.48
HSL	294°, 86%, 28%
HSV	294°, 92%, 52%
XYZ	12.0308, 5.8813, 22.3319
YIQ	56.7980, 26.3980, 61.2620

Conversions

Conversions Part 2

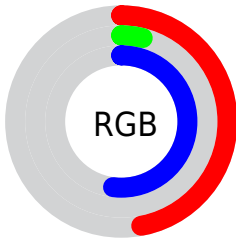
Format	Color
R_{YB}	120, 10, 132
Decimal	7867012
CIE _{Lab}	29.11, 56.60, -40.17
CIE _{LCh}	29, 69.407, 324.638
Yxy	5.8813, 0.2989, 0.1461
Android (android.graphics.Color)	4286057092 (0xFF780A84)
YUV	56.7980, 37.0746, 55.4282
Hunter-Lab	24.2515, 46.1109, -37.6209

Details

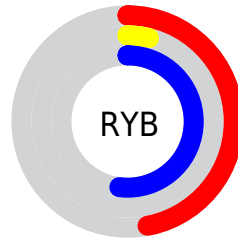
The YIQ color **56.7980, 26.3980, 61.2620** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **85.2020, -26.3980, -61.2620**, and the grayscale version is **56.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **117.2660, 24.8400, 56.4560**, and **29.0820, 13.0140, 39.4940** is the 20% darker color. If you saturate the color by 10%, you get **50.6290, 28.5520, 66.2800**, and if you desaturate by 10%, it is **64.7280, 23.4190, 54.6750**.

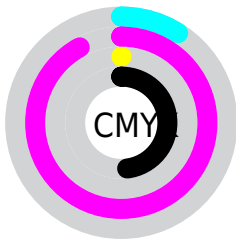
Distribution



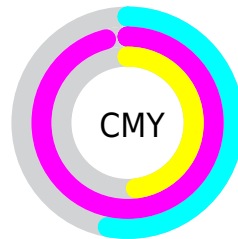
- Red (47%)
- Green (4%)
- Blue (52%)



- Red (47%)
- Yellow (4%)
- Blue (52%)



- Cyan (9%)
- Magenta (92%)
- Yellow (0%)
- Black (48%)



- Cyan (53%)
- Magenta (96%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 56.7980, 26.3980, 61.2620 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 56.7980, 26.3980, 61.2620 by changing the saturation by 10% instead.

56.7980, 26.3980,
61.2620

56.7980, 26.3980,
61.2620

255.0000, -0.0000,
-0.0000

39.8910, 21.4020,
52.6820

117.2660, 24.8400,
56.4560

29.3810, 13.6100,
39.7060

144.6790, 25.1150,
56.9790

19.7680, 7.6060,
27.3660

173.2770, 26.3070,
57.4030

3.9900, -11.2350,
10.8850

196.8870, 27.2250,
51.7770

1.1400, -3.2100,
3.1100


213.3230, 19.5250,
37.1330


0.0000, 0.0000,
0.0000


230.3460, 11.5500,


21.9660


 247.3690, 3.5750,
6.7990


 56.7980, 26.3980,
61.2620


 56.7980, 26.3980,
61.2620


 50.6290, 28.5520,
66.2800

 64.7280, 23.4190,
54.6750

 72.9570, 21.0360,
48.3000

 81.4740, 17.7820,
41.1900

 89.4040, 14.8030,
34.6030

 97.6330, 12.4200,
28.2280

■ 105.5630, 9.4410,
21.6410

■ 113.4930, 6.4620,
15.0540

■ 122.0100, 3.2080,
7.9440

■ 130.2390, 0.8250,
1.5690

Harmonies

Analogous

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



53.8990, -70.4740, 21.7020



56.7980, 26.3980, 61.2620



54.9810, 65.1870, 57.6270

Triad

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



56.7980, 26.3980, 61.2620



65.3750, 37.8280, -13.7560



65.1250, -60.7480, -11.4040

Complementary

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



56.7980, 26.3980, 61.2620



85.2020, -26.3980, -61.2620

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.



58.1540, -42.4970, -28.2970



56.7980, 26.3980, 61.2620



57.7460, 2.3900, -32.3140

Square

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



56.7980, 26.3980, 61.2620



58.5400, 69.0010, 10.5130



49.8950, -23.3750, -44.4550



69.5540, -74.5970, 2.8030

Rectangle

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



56.7980, 26.3980, 61.2620



52.1870, 78.8060, 47.5900



49.8950, -23.3750, -44.4550



63.0730, -54.9700, -17.0020

Sweetspot

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



56.7980, 26.3980, 61.2620



141.3290, 10.2200, 24.0440



30.9520, -42.4620, 31.6660



68.4930, 6.4620, 15.0540



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



56.7980, 26.3980, 61.2620



65.5400, 36.8930, 85.8290



54.8000, 49.2790, 48.5670



62.4780, 1.6500, 3.1380



49.8030, 28.0020, 65.2340



0.9400, 0.2290, 1.3570

Inverse Universe

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



47.8460, 68.8600, 29.5960



53.0670, 96.4590, 41.5390



87.2000, -49.2790, -48.5670



61.7940, 3.5760, 1.2720



40.3520, 73.3070, 31.6030



0.8970, 1.7880, 0.6360

Previews

White Background



This preview shows how the YIQ color 56.7980, 26.3980, 61.2620 looks on a white background.

Color Contrast Check

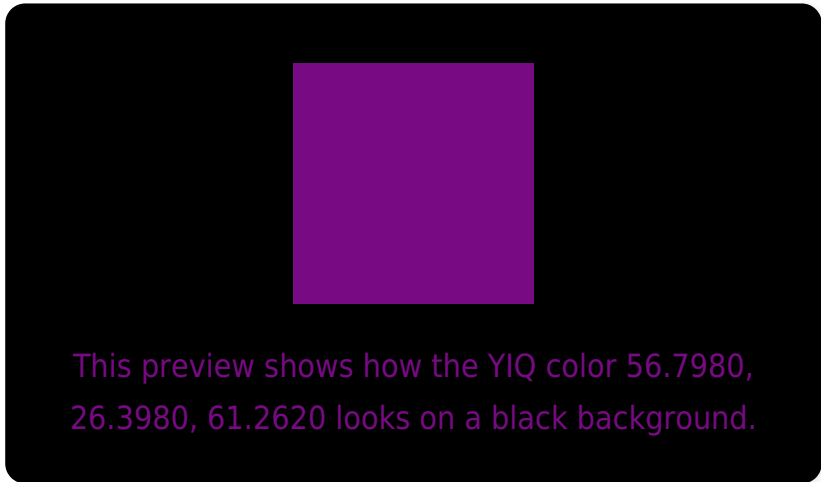
Large Text (above 18pt) WCAG AA ✓ Pass

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

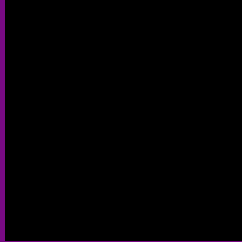
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 56.7980, 26.3980, 61.2620

Background



This preview shows how black text looks on a background with the YIQ color 56.7980, 26.3980, 61.2620.



This preview shows how white text looks on a background with the YIQ color 56.7980, 26.3980,

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

56.7980, 26.3980, 61.2620

Protanopia

56.4460, -65.2450, 9.5310

Deuteranopia

64.1740, -44.1080, 6.4200



Tritanopia

70.0970, 33.8800, 13.7520

Trichromacy



Original Color

56.7980, 26.3980, 61.2620

Protanomaly

56.7050, -31.6410, 28.2870

Deuteranomaly

61.1810, -18.4820, 26.5900

Tritanomaly

65.3810, 30.8050, 30.9410

Monochromacy



Original Color

56.7980, 26.3980, 61.2620

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

56.9760, 9.7160, 22.1640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 56.7980, 26.3980, 61.2620 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(120, 10, 132)` looks like.

```
.text, #text, p{  
    color:rgb(120, 10, 132)  
}
```

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(120, 10, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 10, 132) }
```

Border

The CSS property to change the border of an element to YIQ 56.7980, 26.3980, 61.2620 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(120, 10, 132) }
```


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

```
.border{ border-color:rgb(120, 10, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 10, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 10, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 10, 132);  
box-shadow:4px 4px 4px 4px rgb(120, 10,  
132) }
```

Background

The CSS property to change the background color of an element to YIQ 56.7980, 26.3980, 61.2620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 10, 132) }
```

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

```
.background{ background-color: rgb(120, 10,  
132) }
```

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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