

Converting Colors

YIQ(98.6150, 3.6630, 27.2390)

Have a look what the booklet for
YIQ(98.6150, 3.6630, 27.2390)
contains.

YIQ(98.6150, 3.6630, 27.2390)	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(98.6150, 3.6630,
27.2390)**

Conversions

Conversions Part 1

Format	Color
Hex	77508D
RGB	119, 80, 141
RGB Percent	47%, 31%, 55%
CMY	0.5332, 0.6863, 0.4471
CMYK	0.16, 0.43, 0.00, 0.45
HSL	278°, 28%, 43%
HSV	278°, 43%, 55%
XYZ	15.2869, 11.5821, 26.6259
YIQ	98.6150, 3.6630, 27.2390

Conversions

Conversions Part 2

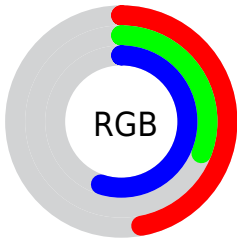
Format	Color
R_{YB}	119, 80, 141
Decimal	7819405
CIE _{Lab}	40.54, 28.19, -27.58
CIE _{LCh}	41, 39.435, 315.628
Yxy	11.5821, 0.2858, 0.2165
Android (android.graphics.Color)	4286009485 (0xFF77508D)
YUV	98.6150, 20.8958, 17.8776
Hunter-Lab	34.0325, 20.6229, -22.5639

Details

The YIQ color **98.6150, 3.6630, 27.2390** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **122.3850, -3.6630, -27.2390**, and the grayscale version is **98.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **149.9680, 4.1670, 29.1190**, and **50.8490, 2.8840, 24.8360** is the 20% darker color. If you saturate the color by 10%, you get **88.9020, 4.5330, 33.5010**, and if you desaturate by 10%, it is **108.3280, 2.7930, 20.9770**.

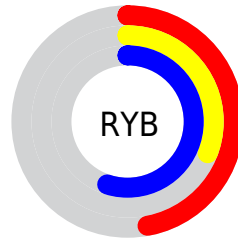
Distribution



Red (47%)

Green (31%)

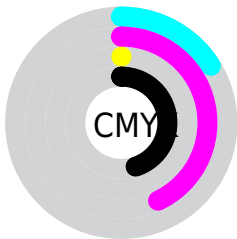
Blue (55%)



Red (47%)

Yellow (31%)

Blue (55%)

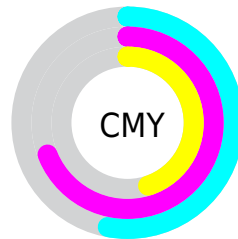


Cyan (16%)

Magenta (43%)

Yellow (0%)

Black (45%)



Cyan (53%)

Magenta (69%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 98.6150, 3.6630, 27.2390 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 98.6150, 3.6630, 27.2390 by changing the saturation by 10% instead.

■ 98.6150, 3.6630,
27.2390

■ 98.6150, 3.6630,
27.2390

■ 255.0000, -0.0000,
-0.0000

■ 74.0880, 3.7090,
26.4050

■ 149.9680, 4.1670,
29.1190

■ 50.8490, 2.8840,
24.8360

■ 176.7940, 4.7170,
30.1650

■ 27.5500, 2.2880,
24.6240

■ 204.3210, 4.6710,
30.9990

■ 13.0890, 1.9680,
19.4080

■ 229.1720, 12.1000,
23.0120

■ 3.2090, -7.6580,
6.6300

■ 246.1950, 4.1250,
7.8450

■ 0.0000, 0.0000,
0.0000

98.6150, 3.6630,
27.2390

98.6150, 3.6630,
27.2390

88.9020, 4.5330,
33.5010

108.3280, 2.7930,
20.9770

79.1890, 5.4030,
39.7630

118.0410, 1.9230,
14.7150

69.4760, 6.2730,
46.0250

127.7540, 1.0530,
8.4530

59.7630, 7.1430,
52.2870

137.4670, 0.1830,
2.1910

49.4630, 8.2880,
59.0720

147.1800, -0.6870,
-4.0710

42.9840, 8.3790,
62.9310

157.4800, -1.8320,
-10.8560

167.4920, -2.1060,
-16.9060

177.2050, -2.9760,

-23.1680

■ 186.9180, -3.8460,
-29.4300

Harmonies

Analogous

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



93.2340, -35.1690, 15.1270



98.6150, 3.6630, 27.2390



97.2240, 32.6850, 29.9090

Triad

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



98.6150, 3.6630, 27.2390



92.7500, 41.2660, -9.9820



77.9250, -66.4770, -23.2210

Complementary

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



98.6150, 3.6630, 27.2390



122.3850, -3.6630, -27.2390

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.



73.4620, -55.2880, -33.2720



98.6150, 3.6630, 27.2390



90.4220, 21.2780, -22.1940

Square

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



98.6150, 3.6630, 27.2390



94.3790, 50.3410, 7.2770



85.6340, -8.7980, -27.7900



80.0570, -75.2360, -13.1560

Rectangle

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



98.6150, 3.6630, 27.2390



95.1620, 44.4230, 26.4310



85.6340, -8.7980, -27.7900



76.6710, -62.9460, -26.6420

Sweetspot

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



98.6150, 3.6630, 27.2390



167.2210, 1.2360, 10.6440



99.8680, -25.6310, 7.4650



81.7000, 1.1450, 6.7850



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



98.6150, 3.6630, 27.2390



117.1830, 5.5400, 42.7880



104.2810, 19.3430, 29.4150



66.2930, 0.7330, 3.2370



41.4030, 8.5170, 60.4290



2.4070, 0.4120, 3.5480

Inverse Universe

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



100.7470, 29.2940, 19.7740



120.5800, 46.3020, 30.9260



116.7190, -19.3430, -29.4150



66.4350, 3.2090, 2.4170



45.9510, 64.7310, 43.8590



2.7340, 3.8050, 2.6290

Previews

White Background



This preview shows how the YIQ color 98.6150, 3.6630, 27.2390 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 98.6150, 3.6630, 27.2390 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 98.6150, 3.6630, 27.2390

Background



This preview shows how black text looks on a background with the YIQ color 98.6150, 3.6630, 27.2390.



This preview shows how white text looks on a background with the YIQ color 98.6150, 3.6630,

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

98.6150, 3.6630, 27.2390

Protanopia

94.4470, -31.4550, 13.8970

Deuteranopia

95.1180, -23.3390, 9.9810



Tritanopia

97.3760, 10.8650, 6.8410

Trichromacy



Original Color

98.6150, 3.6630, 27.2390

Protanomaly

96.1390, -18.6640, 18.8720

Deuteranomaly

96.7820, -13.3450, 16.0870

Tritanomaly

97.7490, 8.6170, 14.5450

Monochromacy



Original Color

98.6150, 3.6630, 27.2390

Achromatopsia

99.0000, -0.0000, 0.0000

Achromatomaly

98.6940, 1.2820, 9.8100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 98.6150, 3.6630, 27.2390 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(119, 80, 141)` looks like.

```
.text, #text, p{  
    color:rgb(119, 80, 141)  
}
```

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(119, 80, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 80, 141) }
```

Border

The CSS property to change the border of an element to YIQ 98.6150, 3.6630, 27.2390 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(119, 80, 141) }
```


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

```
.border{ border-color:rgb(119, 80, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 80, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 80, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 80, 141);  
box-shadow:4px 4px 4px 4px rgb(119, 80,  
141) }
```

Background

The CSS property to change the background color of an element to YIQ 98.6150, 3.6630, 27.2390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 80, 141) }
```

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

```
.background{ background-color: rgb(119, 80,  
141) }
```

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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