

Converting Colors

YIQ(98.0990, 5.1760, 27.3520)

Have a look what the booklet for
YIQ(98.0990, 5.1760, 27.3520)
contains.

YIQ(98.0990, 5.1760, 27.3520)	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(98.0990, 5.1760,
27.3520)**

Conversions

Conversions Part 1

Format	Color
Hex	784F8B
RGB	120, 79, 139
RGB Percent	47%, 31%, 55%
CMY	0.5293, 0.6903, 0.4549
CMYK	0.14, 0.43, 0.00, 0.45
HSL	281°, 28%, 43%
HSV	281°, 43%, 55%
XYZ	15.2050, 11.4489, 25.8320
YIQ	98.0990, 5.1760, 27.3520

Conversions

Conversions Part 2

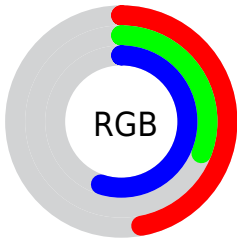
Format	Color
R_{YB}	120, 79, 139
Decimal	7884683
CIE _{Lab}	40.33, 28.64, -26.70
CIE _{LCh}	40, 39.153, 317.010
Yxy	11.4489, 0.2897, 0.2181
Android (android.graphics.Color)	4286074763 (0xFF784F8B)
YUV	98.0990, 20.1642, 19.2072
Hunter-Lab	33.8363, 20.9990, -21.5791

Details

The YIQ color **98.0990, 5.1760, 27.3520** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **119.9010, -5.1760, -27.3520**, and the grayscale version is **98.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **149.4520, 5.6800, 29.2320**, and **50.4470, 4.0760, 25.2600** is the 20% darker color. If you saturate the color by 10%, you get **88.6850, 6.6420, 33.8260**, and if you desaturate by 10%, it is **107.5130, 3.7100, 20.8780**.

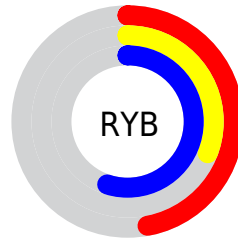
Distribution



Red (47%)

Green (31%)

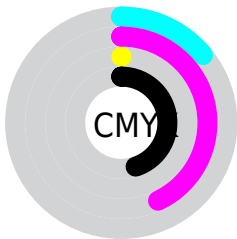
Blue (55%)



Red (47%)

Yellow (31%)

Blue (55%)

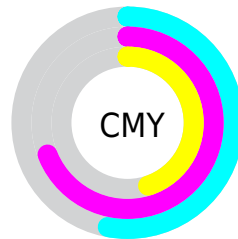


Cyan (14%)

Magenta (43%)

Yellow (0%)

Black (45%)



Cyan (53%)

Magenta (69%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 98.0990, 5.1760, 27.3520 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 98.0990, 5.1760, 27.3520 by changing the saturation by 10% instead.

■ 98.0990, 5.1760,
27.3520

■ 98.0990, 5.1760,
27.3520

■ 255.0000, -0.0000,
-0.0000

■ 73.5720, 5.2220,
26.5180

■ 149.4520, 5.6800,
29.2320

■ 49.8600, 4.3510,
25.7830

■ 176.2780, 6.2300,
30.2780

■ 27.0340, 3.8010,
24.7370

■ 203.9900, 7.1010,
31.0130

■ 13.5730, 3.4810,
19.5210

■ 228.5850, 12.3750,
23.5350

■ 2.9810, -7.0160,
6.0080

■ 245.6080, 4.4000,
8.3680

■ 0.0000, 0.0000,
0.0000

■ 98.0990, 5.1760,
27.3520

■ 98.0990, 5.1760,
27.3520

■ 88.6850, 6.6420,
33.8260

■ 107.5130, 3.7100,
20.8780

■ 78.9720, 7.5120,
40.0880

■ 117.2260, 2.8400,
14.6160

■ 69.5580, 8.9780,
46.5620

■ 126.6400, 1.3740,
8.1420

■ 59.8450, 9.8480,
52.8240

■ 136.3530, 0.5040,
1.8800

■ 50.4310, 11.3140,
59.2980

■ 145.1800, -0.6870,
-4.0710

■ 44.2510, 12.0010,
63.3690

■ 154.5940, -2.1530,
-10.5450

■ 164.3070, -3.0230,
-16.8070

■ 173.7210, -4.4890,

-23.2810

■ 183.4340, -5.3590,
-29.5430

Harmonies

Analogous

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



93.0170, -33.0600, 15.4520



98.0990, 5.1760, 27.3520



96.4090, 33.6020, 29.8100

Triad

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



98.0990, 5.1760, 27.3520



92.1520, 40.0740, -10.4060



78.0390, -66.7980, -22.9100

Complementary

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



98.0990, 5.1760, 27.3520



119.9010, -5.1760, -27.3520

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.



73.6900, -55.9300, -32.6500



98.0990, 5.1760, 27.3520



89.8240, 20.0860, -22.6180

Square

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



98.0990, 5.1760, 27.3520



93.5530, 49.7910, 6.2310



85.1500, -10.3110, -27.9030



80.0570, -75.2360, -13.1560

Rectangle

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



98.0990, 5.1760, 27.3520



94.9340, 45.0650, 25.8090



85.1500, -10.3110, -27.9030



76.7850, -63.2670, -26.3310

Sweetspot

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



98.0990, 5.1760, 27.3520



165.4060, 2.1530, 10.5450



96.9930, -24.4850, 8.7230



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.



98.0990, 5.1760, 27.3520



116.8520, 7.9700, 42.8020



102.5260, 20.0310, 27.9590



64.2930, 0.7330, 3.2370



42.3710, 11.5430, 60.6550



1.4670, 0.1830, 2.1910

Inverse Universe

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



99.1060, 29.6610, 18.6290



118.5260, 46.3940, 29.2580



115.4740, -20.0310, -27.9590



64.3210, 3.5300, 2.1060



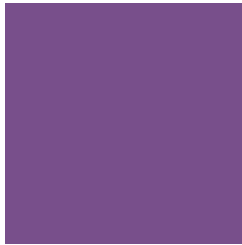
44.5550, 65.7860, 41.2580



1.7230, 2.3380, 1.6820

Previews

White Background



This preview shows how the YIQ color 98.0990, 5.1760, 27.3520 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 98.0990, 5.1760, 27.3520 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 98.0990, 5.1760, 27.3520

Background



This preview shows how black text looks on a background with the YIQ color 98.0990, 5.1760, 27.3520.



This preview shows how white text looks on a background with the YIQ color 98.0990, 5.1760,

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

98.0990, 5.1760, 27.3520

Protanopia

93.6320, -30.5380, 13.7980

Deuteranopia

94.6020, -21.8260, 10.0940



Tritanopia

96.9740, 12.0570, 7.2650

Trichromacy



Original Color

98.0990, 5.1760, 27.3520

Protanomaly

95.3240, -17.7470, 18.7730

Deuteranomaly

96.2660, -11.8320, 16.2000

Tritanomaly

97.3470, 9.8090, 14.9690

Monochromacy



Original Color

98.0990, 5.1760, 27.3520

Achromatopsia

98.0000, -0.0000, -0.0000

Achromatomaly

97.9930, 1.8780, 10.0220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 98.0990, 5.1760, 27.3520 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, 79, 139)` looks like.

```
.text, #text, p{  
    color:rgb(120, 79, 139)  
}
```

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, 79, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 79, 139) }
```

Border

The CSS property to change the border of an element to YIQ 98.0990, 5.1760, 27.3520 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, 79, 139) }
```


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

```
.border{ border-color:rgb(120, 79, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 79, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 79, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 79, 139);  
box-shadow:4px 4px 4px 4px rgb(120, 79,  
139) }
```

Background

The CSS property to change the background color of an element to YIQ 98.0990, 5.1760, 27.3520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 79, 139) }
```

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

```
.background{ background-color: rgb(120, 79,  
139) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor