

Converting Colors

YIQ(98.0040, 38.8760, 22.3320)

Have a look what the booklet for
YIQ(98.0040, 38.8760, 22.3320)
contains.

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Color

**YIQ(98.0040, 38.8760,
22.3320)**

Conversions

Conversions Part 1

Format	Color
Hex	95495D
RGB	149, 73, 93
RGB Percent	58%, 29%, 36%
CMY	0.4155, 0.7138, 0.6352
CMYK	0.00, 0.51, 0.38, 0.42
HSL	344°, 34%, 44%
HSV	344°, 51%, 58%
XYZ	16.7612, 11.9460, 11.7865
YIQ	98.0040, 38.8760, 22.3320

Conversions

Conversions Part 2

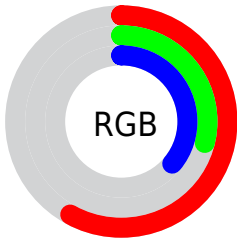
Format	Color
R_{YB}	149, 73, 93
Decimal	9783645
CIE _{Lab}	41.13, 34.14, 3.18
CIE _{LCh}	41, 34.285, 5.327
Yxy	11.9460, 0.4139, 0.2950
Android (android.graphics.Color)	4287973725 (0xFF95495D)
YUV	98.0040, -2.4670, 44.7235
Hunter-Lab	34.5630, 26.0776, 3.9753

Details

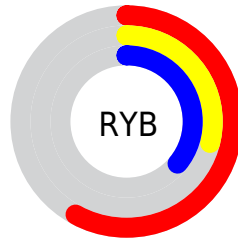
The YIQ color **98.0040, 38.8760, 22.3320** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **123.9960, -38.8760, -22.3320**, and the grayscale version is **98.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **150.3850, 42.1770, 23.0810**, and **47.8510, 34.9330, 22.2050** is the 20% darker color. If you saturate the color by 10%, you get **87.9450, 46.5320, 26.7560**, and if you desaturate by 10%, it is **108.0630, 31.2200, 17.9080**.

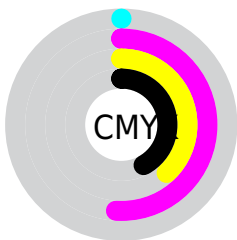
Distribution



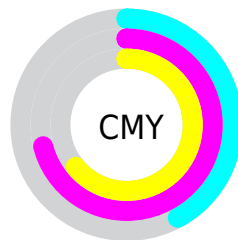
- Red (58%)
- Green (29%)
- Blue (36%)



- Red (58%)
- Yellow (29%)
- Blue (36%)



- Cyan (0%)
- Magenta (51%)
- Yellow (38%)
- Black (42%)





- Cyan (42%)
- Magenta (71%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 98.0040, 38.8760, 22.3320 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 98.0040, 38.8760, 22.3320 by changing the saturation by 10% instead.


 98.0040, 38.8760,
22.3320


 98.0040, 38.8760,
22.3320


255.0000, -0.0000,
-0.0000


 72.6340, 37.0420,
22.5300


 150.3850, 42.1770,
23.0810


 47.2640, 35.2080,
22.7280

 177.6950, 44.2400,
24.2400

 23.7090, 32.4570,
23.0250

 202.6020, 40.0680,
22.7560

 14.4660, 28.2870,
10.4870

 222.2300, 23.3800,
16.8200

 0.0000, 0.0000,
0.0000

 242.4450, 6.4170,
10.3610

■ 98.0040, 38.8760,
22.3320

■ 98.0040, 38.8760,
22.3320

■ 87.9450, 46.5320,
26.7560

■ 108.0630, 31.2200,
17.9080

■ 77.8860, 54.1880,
31.1800

■ 118.1220, 23.5640,
13.4840

■ 67.8270, 61.8440,
35.6040

■ 128.1810, 15.9080,
9.0600

■ 57.7680, 69.5000,
40.0280

■ 138.2400, 8.2520,
4.6360

■ 48.9970, 76.2850,
43.7170


■ 147.7120, 0.8710,
0.7350

■ 157.7710, -6.7850,
-3.6890

■ 167.8300,
-14.4410, -8.1130

■ 177.8890,

-22.0970, -12.5370

 187.9480,
-29.7530, -16.9610

Harmonies

Analogous

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



99.6570, 21.0400, 26.1920



98.0040, 38.8760, 22.3320



96.6760, 45.2510, 11.4190

Triad

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



98.0040, 38.8760, 22.3320



90.8420, 2.4800, -22.9280



79.0940, -76.6580, -9.4100

Complementary

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



98.0040, 38.8760, 22.3320



123.9960, -38.8760, -22.3320

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.



79.2760, -71.6590, -17.4110



98.0040, 38.8760, 22.3320



84.1510, -29.2470, -26.1350

Square

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



98.0040, 38.8760, 22.3320



93.9760, 25.7700, -15.4940



76.6710, -62.9460, -26.6420



92.0110, -42.0910, 8.4130

Rectangle

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



98.0040, 38.8760, 22.3320



96.3840, 42.7770, 1.1850



76.6710, -62.9460, -26.6420



79.6980, -75.6030, -12.0110

Sweetspot

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



98.0040, 38.8760, 22.3320



174.4690, 15.0370, 8.3250



98.4080, 8.9800, 35.5080



84.9520, 9.1230, 5.3710



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



98.0040, 38.8760, 22.3320



114.8160, 60.3770, 34.6570



106.2900, 40.3460, 6.6980



69.3210, 3.5300, 2.1060



45.3660, 70.6920, 40.4520



3.3320, 4.9970, 3.0530

Inverse Universe

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



98.0040, 38.8760, 22.3320



114.8160, 60.3770, 34.6570



115.7100, -40.3460, -6.6980



69.3210, 3.5300, 2.1060



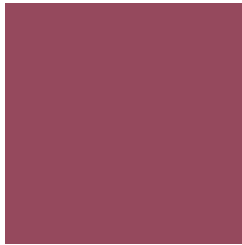
45.3660, 70.6920, 40.4520



3.3320, 4.9970, 3.0530

Previews

White Background



This preview shows how the YIQ color 98.0040, 38.8760, 22.3320 looks on a white background.

Color Contrast Check

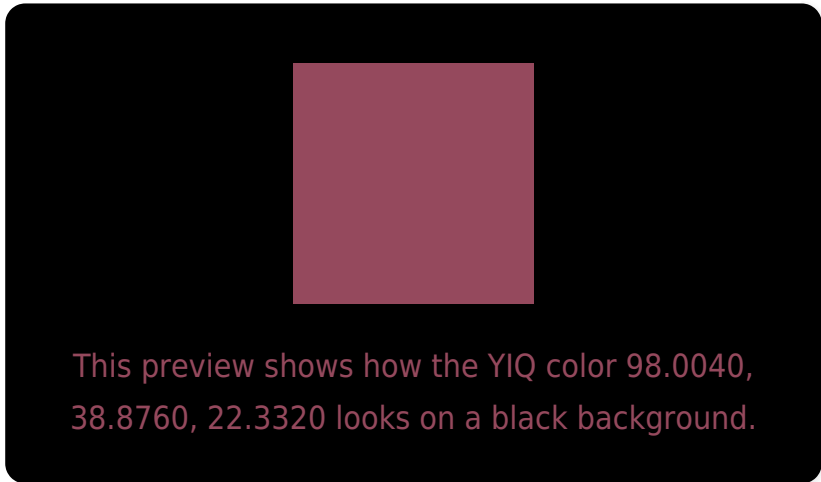
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

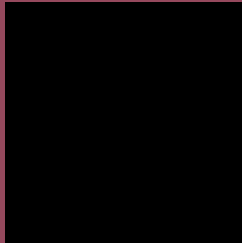
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 98.0040, 38.8760, 22.3320

Background



This preview shows how black text looks on a background with the YIQ color 98.0040, 38.8760, 22.3320.



This preview shows how white text looks on a background with the YIQ color 98.0040, 38.8760,

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

98.0040, 38.8760, 22.3320

Protanopia

98.1400, -3.2100, 3.1100

Deuteranopia

98.3280, 10.8200, 2.1480



Tritanopia

97.5110, 41.5820, 17.3420

Trichromacy



Original Color

98.0040, 38.8760, 22.3320

Protanomaly

97.9680, 12.1940, 10.2900

Deuteranomaly

97.9320, 21.0430, 9.6110

Tritanomaly

97.3800, 40.5730, 19.1090

Monochromacy



Original Color

98.0040, 38.8760, 22.3320

Achromatopsia

98.0000, -0.0000, -0.0000

Achromatomaly

98.1700, 14.4410, 8.1130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 98.0040, 38.8760, 22.3320 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(149, 73, 93)` looks like.

```
.text, #text, p{  
    color:rgb(149, 73, 93)  
}
```

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(149, 73, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 73, 93) }
```

Border

The CSS property to change the border of an element to YIQ 98.0040, 38.8760, 22.3320 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(149, 73, 93) }
```


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

```
.border{ border-color:rgb(149, 73, 93) }
```

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

Here you see how a box with a 4 pixel rgb(149, 73, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 73, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 73, 93);  
box-shadow:4px 4px 4px 4px rgb(149, 73,  
93) }
```

Background

The CSS property to change the background color of an element to YIQ 98.0040, 38.8760, 22.3320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 73, 93) }
```

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

```
.background{ background-color: rgb(149, 73,  
93) }
```

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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