

Converting Colors

YIQ(111.2780, 40.6200, 12.7480)

Have a look what the booklet for
YIQ(111.2780, 40.6200, 12.7480)
contains.

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Color

**YIQ(111.2780, 40.6200,
12.7480)**

Conversions

Conversions Part 1

Format	Color
Hex	9E5C58
RGB	158, 92, 88
RGB Percent	62%, 36%, 35%
CMY	0.3802, 0.6393, 0.6547
CMYK	0.00, 0.42, 0.44, 0.38
HSL	3°, 28%, 48%
HSV	3°, 44%, 62%
XYZ	19.6962, 15.6279, 11.2200
YIQ	111.2780, 40.6200, 12.7480

Conversions

Conversions Part 2

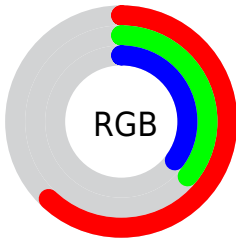
Format	Color
R_{YB}	158, 92, 88
Decimal	10378328
CIE _{Lab}	46.48, 26.56, 13.96
CIE _{LCh}	46, 30.008, 27.731
Yxy	15.6279, 0.4232, 0.3358
Android (android.graphics.Color)	4288568408 (0xFF9E5C58)
YUV	111.2780, -11.4761, 40.9752
Hunter-Lab	39.5321, 19.7537, 10.8448

Details

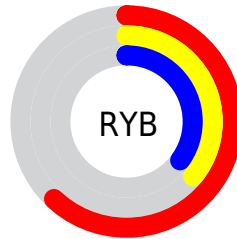
The YIQ color **111.2780, 40.6200, 12.7480** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **134.7220, -40.6200, -12.7480**, and the grayscale version is **111.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **163.9580, 44.5170, 13.7090**, and **61.8260, 36.0810, 12.4090** is the 20% darker color. If you saturate the color by 10%, you get **100.6490, 49.8810, 15.6170**, and if you desaturate by 10%, it is **121.9070, 31.3590, 9.8790**.

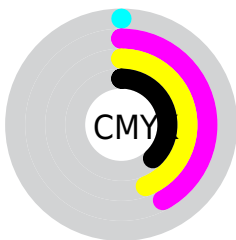
Distribution



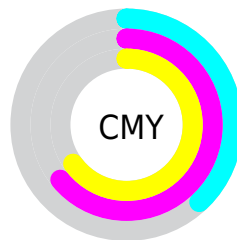
- Red (62%)
- Green (36%)
- Blue (35%)



- Red (62%)
- Yellow (36%)
- Blue (35%)



- Cyan (0%)
- Magenta (42%)
- Yellow (44%)
- Black (38%)





- Cyan (38%)
- Magenta (64%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 111.2780, 40.6200, 12.7480 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 111.2780, 40.6200, 12.7480 by changing the saturation by 10% instead.


 111.2780, 40.6200,
12.7480


 111.2780, 40.6200,
12.7480


255.0000, -0.0000,
-0.0000


 86.4950, 38.5110,
12.4230


 163.9580, 44.5170,
13.7090


 61.8260, 36.0810,
12.4090


 191.4420, 46.0300,
13.8220


 37.8580, 33.0550,
12.1830

 213.6580, 36.4940,
10.4300

 15.8470, 31.5880,
11.2360

 233.8730, 19.5310,
3.9710

 7.2900, 13.9830,
5.3990

 253.6150, 2.5220,
-1.6540

 0.0000, 0.0000,
0.0000

■ 111.2780, 40.6200,
12.7480

■ 111.2780, 40.6200,
12.7480

■ 100.6490, 49.8810,
15.6170

■ 121.9070, 31.3590,
9.8790

■ 90.0200, 59.1420,
18.4860

■ 132.5360, 22.0980,
7.0100

■ 79.5050, 68.0820,
21.6660

■ 143.0510, 13.1580,
3.8300

■ 68.8760, 77.3430,
24.5350

■ 153.6800, 3.8970,
0.9610

■ 58.2470, 86.6040,
27.4040

■ 164.3090, -5.3640,
-1.9080


■ 52.5250, 91.6930,
28.7890

■ 174.3510,
-14.3500, -4.2540

■ 184.9800,
-23.6110, -7.1230

■ 195.4950,

-32.5510, -10.3030

 206.1240,
-41.8120, -13.1720

Harmonies

Analogous

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



112.3560, 31.9530, 21.1450



111.2780, 40.6200, 12.7480



110.1170, 39.1550, 0.7470

Triad

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



111.2780, 40.6200, 12.7480



101.9030, -16.6850, -22.5170



104.9030, -41.9070, 5.0770

Complementary

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



111.2780, 40.6200, 12.7480



134.7220, -40.6200, -12.7480

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.



88.0670, -81.1960, -15.2760



111.2780, 40.6200, 12.7480



94.2660, -48.5040, -24.0560

Square

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



111.2780, 40.6200, 12.7480



106.0000, 8.0270, -18.8290



87.3630, -76.5180, -22.9660



111.6080, -12.7950, 17.1330

Rectangle

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



111.2780, 40.6200, 12.7480



108.9540, 32.0040, -7.3240



87.3630, -76.5180, -22.9660



101.4670, -52.5430, -0.4070

Sweetspot

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



111.2780, 40.6200, 12.7480



188.6600, 15.8170, 5.2010



116.5680, 20.2130, 35.6770



93.6700, 9.8570, 3.0810



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



111.2780, 40.6200, 12.7480



133.4120, 63.9100, 20.1820



131.8230, 30.9950, -5.5570



73.9790, 4.4930, 1.1730



47.4530, 83.0280, 26.1320



5.0720, 8.6650, 2.6570

Inverse Universe

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



134.7220, -40.6200, -12.7480



170.0010, -63.6350, -19.6590



114.7640, -31.2700, 5.0340



76.6080, -4.7680, -1.6960



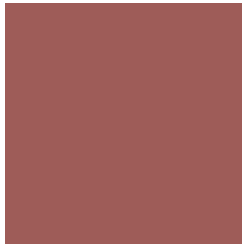
95.5470, -83.0280, -26.1320



9.9280, -8.6650, -2.6570

Previews

White Background



This preview shows how the YIQ color 111.2780, 40.6200, 12.7480 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 111.2780, 40.6200, 12.7480 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 111.2780, 40.6200, 12.7480

Background



This preview shows how black text looks on a background with the YIQ color 111.2780, 40.6200, 12.7480.

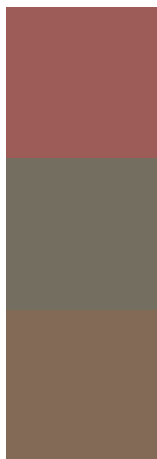


This preview shows how white text looks on a background with the YIQ color 111.2780, 40.6200,

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

111.2780, 40.6200, 12.7480

Protanopia

110.3120, 7.7490, -2.7710

Deuteranopia

110.8960, 20.7240, -1.1320



Tritanopia

112.0160, 38.6020, 16.2820

Trichromacy



Original Color

111.2780, 40.6200, 12.7480

Protanomaly

110.3460, 19.5770, 3.1370

Deuteranomaly

111.0650, 27.7380, 3.9140

Tritanomaly

111.6740, 39.5650, 15.3490

Monochromacy



Original Color

111.2780, 40.6200, 12.7480

Achromatopsia

111.0000, -0.0000, 0.0000

Achromatomaly

111.0620, 14.6250, 4.7770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 111.2780, 40.6200, 12.7480 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(158, 92, 88)` looks like.

```
.text, #text, p{  
    color:rgb(158, 92, 88)  
}
```

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(158, 92, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 92, 88) }
```

Border

The CSS property to change the border of an element to YIQ 111.2780, 40.6200, 12.7480 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(158, 92, 88) }
```


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

```
.border{ border-color:rgb(158, 92, 88) }
```

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

Here you see how a box with a 4 pixel rgb(158, 92, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 92, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 92, 88);  
box-shadow:4px 4px 4px 4px rgb(158, 92,  
88) }
```

Background

The CSS property to change the background color of an element to YIQ 111.2780, 40.6200, 12.7480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 92, 88) }
```

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

```
.background{ background-color: rgb(158, 92,  
88) }
```

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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