

Converting Colors

YIQ(120.2640, 26.0400, 12.6640)

Have a look what the booklet for
YIQ(120.2640, 26.0400, 12.6640)
contains.

YIQ(120.2640, 26.0400, 12.6640)	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(120.2640, 26.0400,
12.6640)**

Conversions

Conversions Part 1

Format	Color
Hex	996971
RGB	153, 105, 113
RGB Percent	60%, 41%, 44%
CMY	0.3999, 0.5883, 0.5568
CMYK	0.00, 0.31, 0.26, 0.40
HSL	350°, 19%, 51%
HSV	350°, 31%, 60%
XYZ	21.1742, 18.0671, 18.0014
YIQ	120.2640, 26.0400, 12.6640

Conversions

Conversions Part 2

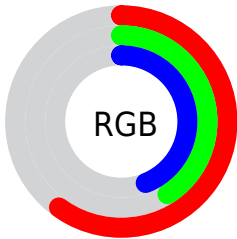
Format	Color
R_{YB}	153, 105, 113
Decimal	10054001
CIE Lab	49.58, 20.44, 3.30
CIE LCh	50, 20.707, 9.158
Yxy	18.0671, 0.3699, 0.3156
Android (android.graphics.Color)	4288244081 (0xFF996971)
YUV	120.2640, -3.5812, 28.7095
Hunter-Lab	42.5054, 14.5356, 4.6440

Details

The YIQ color $120.2640, 26.0400, 12.6640$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $137.7360, -26.0400, -12.6640$, and the grayscale version is $120.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $173.1610, 27.8280, 13.3000$, and $71.0680, 23.6560, 11.8160$ is the 20% darker color. If you saturate the color by 10%, you get $109.9770, 34.3380, 16.4660$, and if you desaturate by 10%, it is $130.5510, 17.7420, 8.8620$.

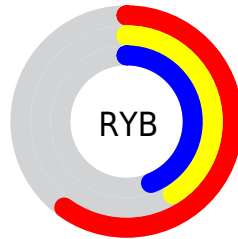
Distribution



Red (60%)

Green (41%)

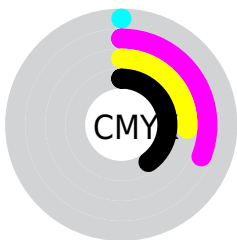
Blue (44%)



Red (60%)

Yellow (41%)

Blue (44%)

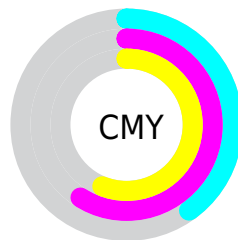


Cyan (0%)

Magenta (31%)

Yellow (26%)

Black (40%)



Cyan (40%)

Magenta (59%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 120.2640, 26.0400, 12.6640 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 120.2640, 26.0400, 12.6640 by changing the saturation by 10% instead.

120.2640, 26.0400,
12.6640

120.2640, 26.0400,
12.6640

255.0000, -0.0000,
-0.0000

95.3670, 24.2520,
12.0280

173.1610, 27.8280,
13.3000

71.0680, 23.6560,
11.8160

200.7590, 29.0200,
13.7240

48.1710, 21.8680,
11.1800

225.1820, 23.3350,
12.1270

25.8010, 20.0340,
11.3780

245.3970, 6.3720,
5.6680

9.6820, 18.7510,
7.0950

0.0000, 0.0000,
0.0000

120.2640, 26.0400,
12.6640

120.2640, 26.0400,
12.6640

109.9770, 34.3380,
16.4660

130.5510, 17.7420,
8.8620

99.2170, 42.5900,
21.1020

141.4250, 9.1690,
4.5370

88.9300, 50.8880,
24.9040

151.5980, 1.1920,
0.4240

78.6430, 59.1860,
28.7060

161.8850, -7.1060,
-3.3780

67.7690, 67.7590,
33.0310

172.1720,
-15.4040, -7.1800

57.5960, 75.7360,
37.1440


182.9320,
-23.6560, -11.8160

48.7110, 82.8420,
40.5220

193.2190,
-31.9540, -15.6180

203.5060,

-40.2520, -19.4200

 214.3800,
-48.8250, -23.7450

Harmonies

Analogous

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



121.0980, 14.9440, 15.5200



120.2640, 26.0400, 12.6640



118.9020, 29.7550, 5.9070

Triad

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



120.2640, 26.0400, 12.6640



114.1550, 0.4610, -13.8670



112.9220, -34.8910, -0.9310

Complementary

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



120.2640, 26.0400, 12.6640



137.7360, -26.0400, -12.6640

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.



109.8300, -40.8040, -9.4120



120.2640, 26.0400, 12.6640



112.2330, -17.3740, -15.5340

Square

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



120.2640, 26.0400, 12.6640



116.1030, 15.4070, -9.4010



109.7890, -33.5590, -14.0630



117.3910, -19.8540, 7.3940

Rectangle

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



120.2640, 26.0400, 12.6640



118.5440, 27.6470, 0.0550



109.7890, -33.5590, -14.0630



111.3730, -37.7790, -3.6590

Sweetspot

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



120.2640, 26.0400, 12.6640



186.7240, 9.7650, 4.7490



122.1330, 7.8360, 23.1960



92.1040, 5.6390, 2.4310



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



120.2640, 26.0400, 12.6640



147.2060, 41.1230, 20.1550



128.1570, 24.4830, 2.3310



71.5060, 4.4470, 2.0070



44.4820, 76.0570, 36.8330



4.1150, 7.1060, 3.3780

Inverse Universe

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



120.2640, 26.0400, 12.6640



147.2060, 41.1230, 20.1550



129.8430, -24.4830, -2.3310



71.5060, 4.4470, 2.0070



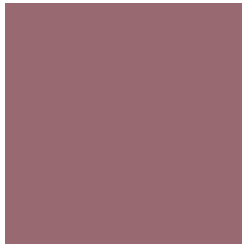
44.4820, 76.0570, 36.8330



4.1150, 7.1060, 3.3780

Previews

White Background



This preview shows how the YIQ color 120.2640, 26.0400, 12.6640 looks on a white background.

Color Contrast Check

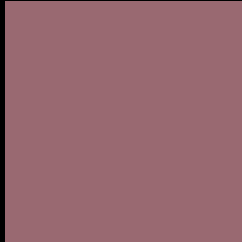
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.2640, 26.0400, 12.6640 looks on a black 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

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

YIQ 120.2640, 26.0400, 12.6640 Background



This preview shows how black text looks on a background with the YIQ color 120.2640, 26.0400, 12.6640.



This preview shows how white text looks on a background with the YIQ color 120.2640, 26.0400,

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

120.2640, 26.0400, 12.6640

Protanopia

118.8260, 0.5500, 1.0460

Deuteranopia

119.0400, 11.6910, 2.8830



Tritanopia

120.2640, 26.0400, 12.6640

Trichromacy



Original Color

120.2640, 26.0400, 12.6640

Protanomaly

119.1370, 10.0400, 5.2720

Deuteranomaly

119.7850, 16.9630, 6.4590

Tritanomaly

120.2640, 26.0400, 12.6640

Monochromacy



Original Color

120.2640, 26.0400, 12.6640

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

120.3110, 9.4900, 4.2260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.2640, 26.0400, 12.6640 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(153, 105, 113)` looks like.

```
.text, #text, p{  
    color:rgb(153, 105, 113)  
}
```

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(153, 105, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 105, 113) }
```

Border

The CSS property to change the border of an element to YIQ 120.2640, 26.0400, 12.6640 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(153, 105, 113) }
```


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

```
.border{ border-color:rgb(153, 105, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 105, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 105, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 105, 113);  
box-shadow:4px 4px 4px 4px rgb(153, 105,  
113) }
```

Background

The CSS property to change the background color of an element to YIQ 120.2640, 26.0400, 12.6640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 105, 113) }
```

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

```
.background{ background-color: rgb(153,  
105, 113) }
```

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