

Converting Colors

YIQ(116.3260, 40.6650, 17.4410)

Have a look what the booklet for
YIQ(116.3260, 40.6650, 17.4410)
contains.

YIQ(116.3260, 40.6650, 17.4410)	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(116.3260, 40.6650,
17.4410)**

Conversions

Conversions Part 1

Format	Color
Hex	A65E65
RGB	166, 94, 101
RGB Percent	65%, 37%, 40%
CMY	0.3488, 0.6315, 0.6038
CMYK	0.00, 0.43, 0.39, 0.35
HSL	354°, 29%, 51%
HSV	354°, 43%, 65%
XYZ	22.0862, 17.0522, 14.4495
YIQ	116.3260, 40.6650, 17.4410

Conversions

Conversions Part 2

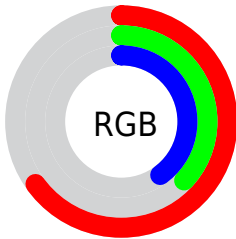
Format	Color
R_{YB}	166, 94, 101
Decimal	10903141
CIE _{Lab}	48.33, 30.13, 8.89
CIE _{LCh}	48, 31.414, 16.443
Yxy	17.0522, 0.4121, 0.3182
Android (android.graphics.Color)	4289093221 (0xFFA65E65)
YUV	116.3260, -7.5557, 43.5641
Hunter-Lab	41.2943, 23.2053, 8.1596

Details

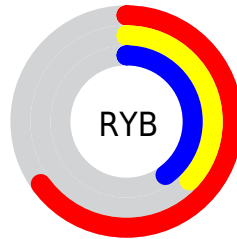
The YIQ color **116.3260, 40.6650, 17.4410** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **143.6740, -40.6650, -17.4410**, and the grayscale version is **116.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **169.7070, 43.9660, 18.1900**, and **65.7600, 36.4470, 16.7910** is the 20% darker color. If you saturate the color by 10%, you get **104.6370, 50.1550, 21.6670**, and if you desaturate by 10%, it is **128.0150, 31.1750, 13.2150**.

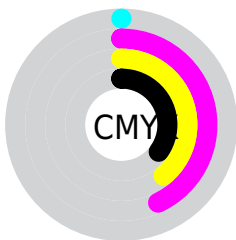
Distribution



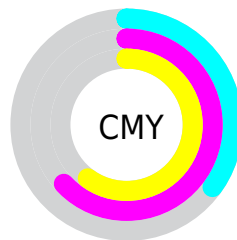
- Red (65%)
- Green (37%)
- Blue (40%)



- Red (65%)
- Yellow (37%)
- Blue (40%)



- Cyan (0%)
- Magenta (43%)
- Yellow (39%)
- Black (35%)



- Cyan (35%)
- Magenta (63%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 116.3260, 40.6650, 17.4410 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 116.3260, 40.6650, 17.4410 by changing the saturation by 10% instead.

■ 116.3260, 40.6650,
17.4410

■ 116.3260, 40.6650,
17.4410

■ 255.0000, -0.0000,
-0.0000

■ 90.5430, 38.5560,
17.1160

■ 169.7070, 43.9660,
18.1900

■ 65.7600, 36.4470,
16.7910

■ 197.6040, 45.7540,
18.8260

■ 41.5040, 34.2920,
17.3000

■ 217.1290, 30.8540,
13.5260

■ 19.1940, 32.2290,
16.1410

■ 237.3440, 13.8910,
7.0670

■ 11.1770, 21.7310,
8.1550

■ 0.0000, 0.0000,
0.0000

■ 116.3260, 40.6650,
17.4410

■ 116.3260, 40.6650,
17.4410

■ 104.6370, 50.1550,
21.6670

■ 128.0150, 31.1750,
13.2150

■ 93.5350, 59.3700,
25.3700

■ 139.1170, 21.9600,
9.5120

■ 81.8460, 68.8600,
29.5960

■ 150.8060, 12.4700,
5.2860

■ 70.7440, 78.0750,
33.2990

■ 161.9080, 3.2550,
1.5830

■ 59.0550, 87.5650,
37.5250

■ 173.5970, -6.2350,
-2.6430


■ 51.4580, 93.8000,
40.1680

■ 185.2860,
-15.7250, -6.8690

■ 196.3880,
-24.9400, -10.5720

■ 208.0770,

-34.4300, -14.7980

 219.1790,
-43.6450, -18.5010

Harmonies

Analogous

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



117.5990, 26.9550, 23.6190



116.3260, 40.6650, 17.4410



115.3180, 43.1430, 5.5670

Triad

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



116.3260, 40.6650, 17.4410



107.5790, -6.9650, -22.4610



104.6020, -57.3570, -1.2690

Complementary

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



116.3260, 40.6650, 17.4410



143.6740, -40.6650, -17.4410

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.



91.2900, -83.4420, -18.6260



116.3260, 40.6650, 17.4410



101.8990, -37.2250, -24.7210

Square

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



116.3260, 40.6650, 17.4410



111.4310, 17.0590, -17.3170



90.4290, -76.8840, -27.3480



114.1550, -24.7610, 13.7270

Rectangle

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



116.3260, 40.6650, 17.4410



114.2970, 38.4680, -3.3240



90.4290, -76.8840, -27.3480



98.2580, -71.2480, -8.3360

Sweetspot

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



116.3260, 40.6650, 17.4410



197.6000, 16.0460, 6.5580



121.6430, 15.6280, 36.1720



97.6100, 10.0860, 4.4380



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



116.3260, 40.6650, 17.4410



139.0410, 63.8170, 27.3770



132.5510, 34.9370, 0.0970



78.5060, 4.4470, 2.0070



45.9620, 83.3930, 36.0410



6.2080, 11.2780, 4.8620

Inverse Universe

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



116.3260, 40.6650, 17.4410



139.0410, 63.8170, 27.3770



127.4490, -34.9370, -0.0970



78.5060, 4.4470, 2.0070



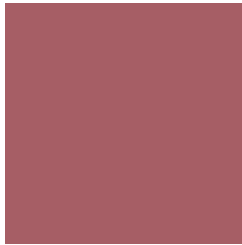
45.9620, 83.3930, 36.0410



6.2080, 11.2780, 4.8620

Previews

White Background



This preview shows how the YIQ color 116.3260, 40.6650, 17.4410 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 116.3260, 40.6650, 17.4410 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 116.3260, 40.6650, 17.4410

Background



This preview shows how black text looks on a background with the YIQ color 116.3260, 40.6650, 17.4410.



This preview shows how white text looks on a background with the YIQ color 116.3260, 40.6650,

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

116.3260, 40.6650, 17.4410

Protanopia

115.5550, 2.7510, -0.2970

Deuteranopia

115.7970, 16.6890, 0.4090



Tritanopia

116.3260, 40.6650, 17.4410

Trichromacy



Original Color

116.3260, 40.6650, 17.4410

Protanomaly

115.4860, 16.3670, 6.2470

Deuteranomaly

115.9770, 25.1700, 6.4020

Tritanomaly

116.3260, 40.6650, 17.4410

Monochromacy



Original Color

116.3260, 40.6650, 17.4410

Achromatopsia

116.0000, -0.0000, 0.0000

Achromatomaly

116.1160, 14.5330, 6.4450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 116.3260, 40.6650, 17.4410 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(166, 94, 101)` looks like.

```
.text, #text, p{  
    color:rgb(166, 94, 101)  
}
```

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(166, 94, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 94, 101) }
```

Border

The CSS property to change the border of an element to YIQ 116.3260, 40.6650, 17.4410 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(166, 94, 101) }
```


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

```
.border{ border-color:rgb(166, 94, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 94, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 94, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 94, 101);  
box-shadow:4px 4px 4px 4px rgb(166, 94,  
101) }
```

Background

The CSS property to change the background color of an element to YIQ 116.3260, 40.6650, 17.4410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 94, 101) }
```

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

```
.background{ background-color: rgb(166, 94,  
101) }
```

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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