

Converting Colors

YIQ(116.1360, 38.1440, 13.5680)

Have a look what the booklet for
YIQ(116.1360, 38.1440, 13.5680)
contains.

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Color

**YIQ(116.1360, 38.1440,
13.5680)**

Conversions

Conversions Part 1

Format	Color
Hex	A16161
RGB	161, 97, 97
RGB Percent	63%, 38%, 38%
CMY	0.3685, 0.6197, 0.6195
CMYK	0.00, 0.40, 0.40, 0.37
HSL	360°, 25%, 51%
HSV	360°, 40%, 63%
XYZ	21.1374, 16.9893, 13.4839
YIQ	116.1360, 38.1440, 13.5680

Conversions

Conversions Part 2

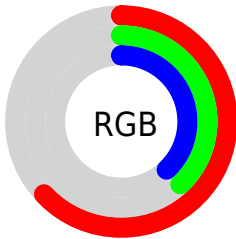
Format	Color
R_{YB}	161, 97, 97
Decimal	10576225
CIE Lab	48.25, 26.00, 11.08
CIE LCh	48, 28.267, 23.079
Yxy	16.9893, 0.4096, 0.3292
Android (android.graphics.Color)	4288766305 (0xFFA16161)
YUV	116.1360, -9.4340, 39.3457
Hunter-Lab	41.2181, 19.4067, 9.4568

Details

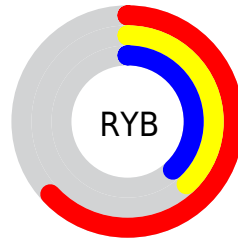
The YIQ color **116.1360, 38.1440, 13.5680** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **141.8640, -38.1440, -13.5680**, and the grayscale version is **116.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **168.9300, 41.7200, 14.8400**, and **66.5700, 33.9260, 12.9180** is the 20% darker color. If you saturate the color by 10%, you get **104.9200, 47.6800, 16.9600**, and if you desaturate by 10%, it is **127.3520, 28.6080, 10.1760**.

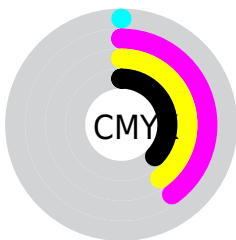
Distribution



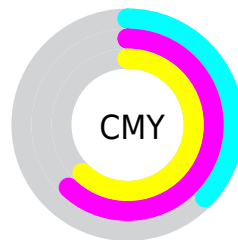
- Red (63%)
- Green (38%)
- Blue (38%)



- Red (63%)
- Yellow (38%)
- Blue (38%)



- Cyan (0%)
- Magenta (40%)
- Yellow (40%)
- Black (37%)



- Cyan (37%)
- Magenta (62%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 116.1360, 38.1440, 13.5680 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 116.1360, 38.1440, 13.5680 by changing the saturation by 10% instead.

■ 116.1360, 38.1440,
13.5680

■ 116.1360, 38.1440,
13.5680

■ 255.0000, -0.0000,
-0.0000

■ 91.2390, 36.3560,
12.9320

■ 168.9300, 41.7200,
14.8400

■ 66.5700, 33.9260,
12.9180

■ 196.4140, 43.2330,
14.9530

■ 42.9010, 31.4960,
12.9040

■ 218.4340, 31.3130,
10.7130

■ 19.0750, 30.9460,
11.8580

■ 238.0620, 14.6250,
4.7770

■ 9.6820, 18.7510,
7.0950

■ 0.0000, 0.0000,
0.0000

■ 116.1360, 38.1440,
13.5680

■ 116.1360, 38.1440,
13.5680

■ 104.9200, 47.6800,
16.9600

■ 127.3520, 28.6080,
10.1760

■ 93.7040, 57.2160,
20.3520

■ 138.5680, 19.0720,
6.7840

■ 82.4880, 66.7520,
23.7440

■ 149.7840, 9.5360,
3.3920

■ 71.2720, 76.2880,
27.1360

■ 161.0000, -0.0000,
-0.0000

■ 59.4690, 86.0990,
31.0510

■ 172.2160, -9.5360,
-3.3920

■ 48.2530, 95.6350,
34.4430


■ 184.1330,
-19.6680, -6.9960

■ 48.1390, 95.9560,
34.1320

■ 195.3490,
-29.2040, -10.3880

■ 206.5650,

-38.7400, -13.7800

 217.7810,
-48.2760, -17.1720

Harmonies

Analogous

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



117.0890, 28.3310, 20.7070



116.1360, 38.1440, 13.5680



114.9860, 38.1460, 2.5140

Triad

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



116.1360, 38.1440, 13.5680



107.5940, -11.3210, -20.6090



109.2510, -43.0070, 2.9850

Complementary

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



116.1360, 38.1440, 13.5680



141.8640, -38.1440, -13.5680

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.



98.1890, -66.8000, -11.8560



116.1360, 38.1440, 13.5680



102.4090, -38.6010, -21.8090

Square

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



116.1360, 38.1440, 13.5680



111.0220, 10.9610, -16.9350



94.3810, -67.7610, -21.9770



115.1730, -16.0040, 14.7160

Rectangle

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



116.1360, 38.1440, 13.5680



113.7200, 32.7830, -4.9210



94.3810, -67.7610, -21.9770



106.0110, -51.2590, -1.6510

Sweetspot

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



116.1360, 38.1440, 13.5680



191.4750, 14.9000, 5.3000



123.1330, 17.0040, 33.2600



94.4850, 8.9400, 3.1800



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.



116.1360, 38.1440, 13.5680



138.9000, 59.6000, 21.2000



134.3330, 29.6190, -2.6450



75.6910, 5.3640, 1.9080



43.3550, 86.4200, 30.7400



5.3820, 10.7280, 3.8160

Inverse Universe

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



116.1360, 38.1440, 13.5680



138.9000, 59.6000, 21.2000



123.6670, -29.6190, 2.6450



75.6910, 5.3640, 1.9080



43.3550, 86.4200, 30.7400



5.3820, 10.7280, 3.8160

Previews

White Background



This preview shows how the YIQ color 116.1360, 38.1440, 13.5680 looks on a white background.

Color Contrast Check

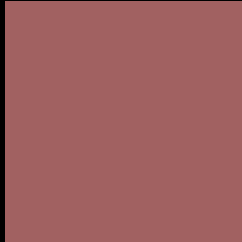
Large Text (above 18pt) WCAG AA ✓ Pass

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 116.1360, 38.1440, 13.5680 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 116.1360, 38.1440, 13.5680

Background



This preview shows how black text looks on a background with the YIQ color 116.1360, 38.1440, 13.5680.

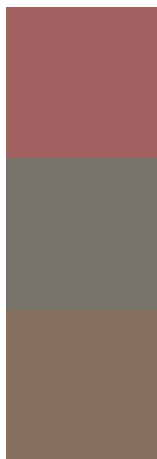


This preview shows how white text looks on a background with the YIQ color 116.1360, 38.1440,

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

116.1360, 38.1440, 13.5680

Protanopia

115.1700, 5.2730, -1.9510

Deuteranopia

115.7540, 18.2480, -0.3120



Tritanopia

116.5320, 37.0890, 16.1690

Trichromacy



Original Color

116.1360, 38.1440, 13.5680

Protanomaly

115.2040, 17.1010, 3.9570

Deuteranomaly

115.9230, 25.2620, 4.7340

Tritanomaly

116.3040, 37.7310, 15.5470

Monochromacy



Original Color

116.1360, 38.1440, 13.5680

Achromatopsia

116.0000, -0.0000, 0.0000

Achromatomaly

115.8770, 13.7080, 4.8760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 116.1360, 38.1440, 13.5680 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(161, 97, 97)` looks like.

```
.text, #text, p{  
    color:rgb(161, 97, 97)  
}
```

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(161, 97, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 97, 97) }
```

Border

The CSS property to change the border of an element to YIQ 116.1360, 38.1440, 13.5680 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(161, 97, 97) }
```


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

```
.border{ border-color:rgb(161, 97, 97) }
```

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

Here you see how a box with a 4 pixel rgb(161, 97, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 97, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 97, 97);  
box-shadow:4px 4px 4px 4px rgb(161, 97,  
97) }
```

Background

The CSS property to change the background color of an element to YIQ 116.1360, 38.1440, 13.5680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 97, 97) }
```

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

```
.background{ background-color: rgb(161, 97,  
97) }
```

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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