

Converting Colors

YIQ(111.6040, 36.5860, 8.7620)

Have a look what the booklet for
YIQ(111.6040, 36.5860, 8.7620)
contains.

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Color

**YIQ(111.6040, 36.5860,
8.7620)**

Conversions

Conversions Part 1

Format	Color
Hex	986056
RGB	152, 96, 86
RGB Percent	60%, 38%, 34%
CMY	0.4038, 0.6236, 0.6626
CMYK	0.00, 0.37, 0.43, 0.40
HSL	9°, 28%, 47%
HSV	9°, 43%, 60%
XYZ	18.8170, 15.7125, 10.8534
YIQ	111.6040, 36.5860, 8.7620

Conversions

Conversions Part 2

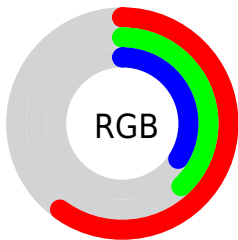
Format	Color
R_{YB}	152, 98, 86
Decimal	9986134
CIE _{Lab}	46.59, 21.61, 15.19
CIE _{LCh}	47, 26.411, 35.109
Yxy	15.7125, 0.4146, 0.3462
Android (android.graphics.Color)	4288176214 (0xFF986056)
YUV	111.6040, -12.6228, 35.4273
Hunter-Lab	39.6390, 15.3673, 11.5133

Details

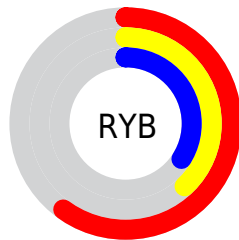
The YIQ color **111.6040, 36.5860, 8.7620** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **126.3960, -36.5860, -8.7620**, and the grayscale version is **112.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **163.9850, 39.8870, 9.5110**, and **62.7390, 31.7720, 7.9000** is the 20% darker color. If you saturate the color by 10%, you get **102.2630, 44.9760, 10.8960**, and if you desaturate by 10%, it is **120.9450, 28.1960, 6.6280**.

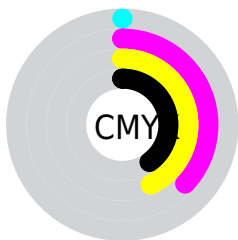
Distribution



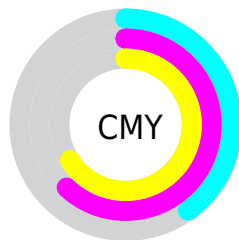
- Red (60%)
- Green (38%)
- Blue (34%)



- Red (60%)
- Yellow (38%)
- Blue (34%)



- Cyan (0%)
- Magenta (37%)
- Yellow (43%)
- Black (40%)




- Cyan (40%)
- Magenta (62%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 111.6040, 36.5860, 8.7620 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 111.6040, 36.5860, 8.7620 by changing the saturation by 10% instead.


 111.6040, 36.5860,
8.7620


 111.6040, 36.5860,
8.7620


255.0000, -0.0000,
-0.0000

 86.8210, 34.4770,
8.4370


 163.9850, 39.8870,
9.5110


 62.7390, 31.7720,
7.9000


 191.4690, 41.4000,
9.6240


 39.3690, 29.9380,
8.0980

 215.7780, 36.0360,
7.7160

 16.9990, 28.1040,
8.2960

 235.9930, 19.0730,
1.2570

 5.0830, 10.1320,
3.6040

 253.8600, 3.2100,
-3.1100

 0.0000, 0.0000,
0.0000

■ 111.6040, 36.5860,
8.7620

■ 111.6040, 36.5860,
8.7620

■ 102.2630, 44.9760,
10.8960

■ 120.9450, 28.1960,
6.6280

■ 92.9220, 53.3660,
13.0300

■ 130.2860, 19.8060,
4.4940

■ 83.4670, 62.0770,
14.8530

■ 139.7410, 11.0950,
2.6710

■ 74.1260, 70.4670,
16.9870

■ 149.0820, 2.7050,
0.5370

■ 64.7850, 78.8570,
19.1210

■ 158.4230, -5.6850,
-1.5970

■ 58.9490, 84.2670,
20.1950

■ 167.1770,
-13.8000, -3.2080

■ 176.5180,
-22.1900, -5.3420

■ 185.9730,

-30.9010, -7.1650

■ 195.3140,
-39.2910, -9.2990

Harmonies

Analogous

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



112.5360, 31.2660, 17.0740



111.6040, 36.5860, 8.7620



110.7140, 32.9200, -1.8960

Triad

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



111.6040, 36.5860, 8.7620



102.6300, -20.1700, -19.9300



108.1280, -29.2990, 7.8610

Complementary

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



111.6040, 36.5860, 8.7620



126.3960, -36.5860, -8.7620

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.



100.7180, -51.9920, -4.8880



111.6040, 36.5860, 8.7620



97.1680, -45.1120, -19.4480

Square

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



111.6040, 36.5860, 8.7620



106.3030, 2.8000, -17.7120



93.2940, -62.9020, -16.4220



112.5010, -5.1840, 16.8640

Rectangle

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



111.6040, 36.5860, 8.7620



109.4910, 25.9980, -8.6100



93.2940, -62.9020, -16.4220



106.3010, -37.2760, 3.7480

Sweetspot

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



111.6040, 36.5860, 8.7620



183.1220, 14.3960, 3.4200



112.1180, 21.3600, 31.4080



89.6590, 8.3900, 2.1340



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.



111.6040, 36.5860, 8.7620



135.4880, 57.5840, 13.6800



130.9750, 27.5110, -8.4970



71.9790, 4.4930, 1.1730



54.1870, 77.6650, 18.6970



5.0610, 7.1980, 1.7100

Inverse Universe

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



126.3960, -36.5860, -8.7620



158.5120, -57.5840, -13.6800



107.0250, -27.5110, 8.4970



73.4340, -4.2180, -0.6500



85.8130, -77.6650, -18.6970



7.9390, -7.1980, -1.7100

Previews

White Background



This preview shows how the YIQ color 111.6040, 36.5860, 8.7620 looks on a white background.

Color Contrast Check

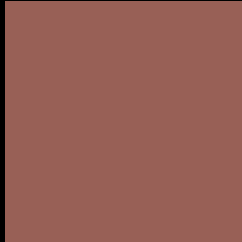
Large Text (above 18pt) WCAG AA ✓ Pass

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 111.6040, 36.5860, 8.7620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

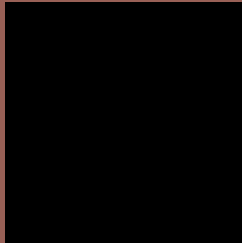
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 111.6040, 36.5860, 8.7620

Background



This preview shows how black text looks on a background with the YIQ color 111.6040, 36.5860, 8.7620.



This preview shows how white text looks on a background with the YIQ color 111.6040, 36.5860,

8.7620.

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

111.6040, 36.5860, 8.7620

Protanopia

110.7420, 9.3540, -4.3260

Deuteranopia

110.6680, 21.3660, -1.7540



Tritanopia

112.4390, 32.9170, 14.6850

Trichromacy



Original Color

111.6040, 36.5860, 8.7620

Protanomaly

111.3520, 19.4400, 0.1120

Deuteranomaly

110.8260, 26.9130, 2.3450

Tritanomaly

112.4560, 34.2470, 12.6070

Monochromacy



Original Color

111.6040, 36.5860, 8.7620

Achromatopsia

112.0000, -0.0000, 0.0000

Achromatomaly

111.9370, 13.4790, 3.5190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 111.6040, 36.5860, 8.7620 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(152, 96, 86)` looks like.

```
.text, #text, p{  
    color:rgb(152, 96, 86)  
}
```

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(152, 96, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 96, 86) }
```

Border

The CSS property to change the border of an element to YIQ 111.6040, 36.5860, 8.7620 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(152, 96, 86) }
```


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

```
.border{ border-color:rgb(152, 96, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 96, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 96, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 96, 86);  
box-shadow:4px 4px 4px 4px rgb(152, 96,  
86) }
```

Background

The CSS property to change the background color of an element to YIQ 111.6040, 36.5860, 8.7620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 96, 86) }
```

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

```
.background{ background-color: rgb(152, 96,  
86) }
```

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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