

Converting Colors

YIQ(111.1280, 40.6220, 1.6940)

Have a look what the booklet for
YIQ(111.1280, 40.6220, 1.6940)
contains.

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Color

**YIQ(111.1280, 40.6220,
1.6940)**

Conversions

Conversions Part 1

Format	Color
Hex	976345
RGB	151, 99, 69
RGB Percent	59%, 39%, 27%
CMY	0.4077, 0.6118, 0.7292
CMYK	0.00, 0.34, 0.54, 0.41
HSL	22°, 37%, 43%
HSV	22°, 54%, 59%
XYZ	18.3029, 15.9317, 7.7483
YIQ	111.1280, 40.6220, 1.6940

Conversions

Conversions Part 2

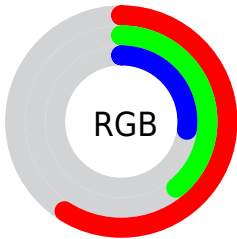
Format	Color
R_{YB}	151, 116, 69
Decimal	9921349
CIE _{Lab}	46.88, 17.68, 25.54
CIE _{LCh}	47, 31.064, 55.312
Yxy	15.9317, 0.4360, 0.3795
Android (android.graphics.Color)	4288111429 (0xFF976345)
YUV	111.1280, -20.7691, 34.9677
Hunter-Lab	39.9145, 12.0013, 16.4306

Details

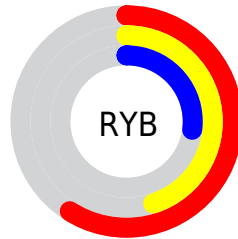
The YIQ color **111.1280, 40.6220, 1.6940** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **108.8720, -40.6220, -1.6940**, and the grayscale version is **111.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **163.6940, 44.8400, 2.3440**, and **62.3770, 35.4870, 1.1430** is the 20% darker color. If you saturate the color by 10%, you get **103.5480, 48.1870, 2.2590**, and if you desaturate by 10%, it is **118.7080, 33.0570, 1.1290**.

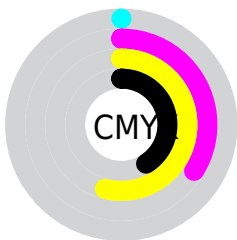
Distribution



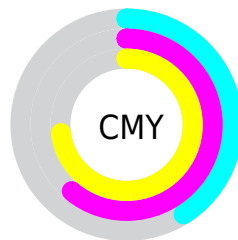
- Red (59%)
- Green (39%)
- Blue (27%)



- Red (59%)
- Yellow (45%)
- Blue (27%)



- Cyan (0%)
- Magenta (34%)
- Yellow (54%)
- Black (41%)



- Cyan (41%)
- Magenta (61%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 111.1280, 40.6220, 1.6940 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 111.1280, 40.6220, 1.6940 by changing the saturation by 10% instead.

■ 111.1280, 40.6220,
1.6940

■ 111.1280, 40.6220,
1.6940

■ 255.0000, -0.0000,
-0.0000

■ 86.3450, 38.5130,
1.3690

■ 163.6940, 44.8400,
2.3440

■ 62.3770, 35.4870,
1.1430

■ 191.1780, 46.3530,
2.4570

■ 38.8390, 34.0660,
-0.6380

■ 215.3730, 41.3100,
0.2380

■ 19.0370, 24.9410,
5.0450

■ 235.5880, 24.3470,
-6.2210

■ 3.2890, 6.5560,
2.3320

■ 251.6940, 9.3090,
-9.0190

■ 0.0000, 0.0000,
0.0000

254.8860, 0.3210,

-0.3110

■ 111.1280, 40.6220,
1.6940

■ 111.1280, 40.6220,
1.6940

■ 103.5480, 48.1870,
2.2590

■ 118.7080, 33.0570,
1.1290

■ 96.5550, 55.4770,
2.3010

■ 125.7010, 25.7670,
1.0870

■ 88.9750, 63.0420,
2.8660

■ 133.2810, 18.2020,
0.5220

■ 81.9820, 70.3320,
2.9080

■ 140.2740, 10.9120,
0.4800

■ 77.4340, 74.8710,
3.2470

■ 147.9680, 3.0260,
0.2260

■ 155.5480, -4.5390,
-0.3390

■ 162.5410,
-11.8290, -0.3810

■ 170.1210,
-19.3940, -0.9460

■ 177.1140,
-26.6840, -0.9880

Harmonies

Analogous

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



112.4030, 41.7660, 14.0060



111.1280, 40.6220, 1.6940



109.2910, 29.4370, -10.3630

Triad

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



111.1280, 40.6220, 1.6940



95.3260, -48.7330, -25.4130



112.5260, -15.5000, 16.5960

Complementary

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



111.1280, 40.6220, 1.6940



108.8720, -40.6220, -1.6940

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.



104.6250, -46.9960, 3.6920



111.1280, 40.6220, 1.6940



88.5370, -77.0680, -24.0120

Square

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



111.1280, 40.6220, 1.6940



102.9740, -15.4470, -22.9270



88.4690, -82.3880, -15.7000



114.2860, 11.7790, 23.3230

Rectangle

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



111.1280, 40.6220, 1.6940



107.8440, 17.3340, -16.7940



88.4690, -82.3880, -15.7000



110.4430, -25.6320, 12.9920

Sweetspot

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



111.1280, 40.6220, 1.6940



180.7260, 15.4510, 0.8190



99.5600, 31.8590, 33.8670



89.9040, 9.0780, 0.6780



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.



111.1280, 40.6220, 1.6940



133.9750, 63.0420, 2.8660



134.6080, 29.6220, -19.2260



73.1530, 3.9430, 0.1270



71.7970, 69.4150, 3.0070



6.8220, 6.3730, 0.1410

Inverse Universe

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



108.8720, -40.6220, -1.6940



131.0250, -63.0420, -2.8660



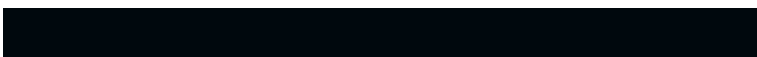
85.3920, -29.6220, 19.2260



72.8470, -3.9430, -0.1270



68.2030, -69.4150, -3.0070



6.1780, -6.3730, -0.1410

Previews

White Background



This preview shows how the YIQ color 111.1280, 40.6220, 1.6940 looks on a white background.

Color Contrast Check

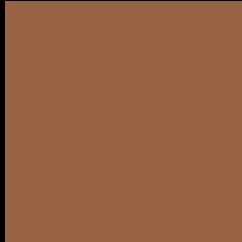
Large Text (above 18pt) WCAG AA ✓ Pass

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 111.1280, 40.6220, 1.6940 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 111.1280, 40.6220, 1.6940

Background



This preview shows how black text looks on a background with the YIQ color 111.1280, 40.6220, 1.6940.



This preview shows how white text looks on a background with the YIQ color 111.1280, 40.6220,

1.6940.

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

111.1280, 40.6220, 1.6940

Protanopia

109.7720, 17.8370, -9.3870

Deuteranopia

110.3390, 29.4820, -5.6700



Tritanopia

113.4390, 32.9170, 14.6850

Trichromacy



Original Color

111.1280, 40.6220, 1.6940

Protanomaly

110.4850, 26.1350, -5.5850

Deuteranomaly

110.3720, 33.8830, -2.8290

Tritanomaly

112.3590, 35.8980, 10.2180

Monochromacy



Original Color

111.1280, 40.6220, 1.6940

Achromatopsia

111.0000, -0.0000, 0.0000

Achromatomaly

111.4270, 14.8550, 0.6070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 111.1280, 40.6220, 1.6940 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(151, 99, 69)` looks like.

```
.text, #text, p{  
    color:rgb(151, 99, 69)  
}
```

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(151, 99, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 99, 69) }
```

Border

The CSS property to change the border of an element to YIQ 111.1280, 40.6220, 1.6940 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(151, 99, 69) }
```


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

```
.border{ border-color:rgb(151, 99, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 99, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 99, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 99, 69);  
box-shadow:4px 4px 4px 4px rgb(151, 99,  
69) }
```

Background

The CSS property to change the background color of an element to YIQ 111.1280, 40.6220, 1.6940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 99, 69) }
```

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

```
.background{ background-color: rgb(151, 99,  
69) }
```

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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