

Converting Colors

YIQ(107.1080, 35.3470, 14.6990)

Have a look what the booklet for
YIQ(107.1080, 35.3470, 14.6990)
contains.

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Color

**YIQ(107.1080, 35.3470,
14.6990)**

Conversions

Conversions Part 1

Format	Color
Hex	96585D
RGB	150, 88, 93
RGB Percent	59%, 35%, 36%
CMY	0.4116, 0.6550, 0.6352
CMYK	0.00, 0.41, 0.38, 0.41
HSL	355°, 26%, 47%
HSV	355°, 41%, 59%
XYZ	18.0497, 14.2538, 12.1639
YIQ	107.1080, 35.3470, 14.6990

Conversions

Conversions Part 2

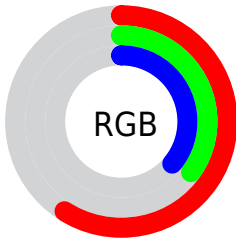
Format	Color
R_{YB}	150, 88, 93
Decimal	9853021
CIE _{Lab}	44.59, 26.21, 8.15
CIE _{LCh}	45, 27.449, 17.271
Yxy	14.2538, 0.4059, 0.3205
Android (android.graphics.Color)	4288043101 (0xFF96585D)
YUV	107.1080, -6.9552, 37.6163
Hunter-Lab	37.7542, 19.2682, 7.3254

Details

The YIQ color **107.1080, 35.3470, 14.6990** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **130.8920, -35.3470, -14.6990**, and the grayscale version is **107.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **159.4890, 38.6480, 15.4480**, and **58.4280, 31.4500, 13.7380** is the 20% darker color. If you saturate the color by 10%, you get **96.7070, 43.9660, 18.1900**, and if you desaturate by 10%, it is **117.5090, 26.7280, 11.2080**.

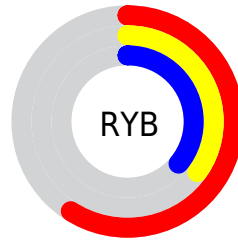
Distribution



Red (59%)

Green (35%)

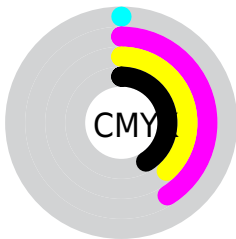
Blue (36%)



Red (59%)

Yellow (35%)

Blue (36%)

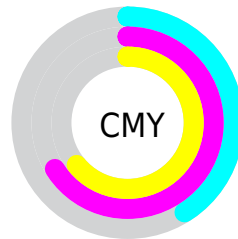


Cyan (0%)

Magenta (41%)

Yellow (38%)

Black (41%)



Cyan (41%)


Magenta (66%)


Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 107.1080, 35.3470, 14.6990 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 107.1080, 35.3470, 14.6990 by changing the saturation by 10% instead.


 107.1080, 35.3470,
14.6990


 107.1080, 35.3470,
14.6990


255.0000, -0.0000,
-0.0000


 82.3250, 33.2380,
14.3740


 159.4890, 38.6480,
15.4480


 58.4280, 31.4500,
13.7380


 187.0870, 39.8400,
15.8720


 34.2860, 28.9740,
14.5580

 211.9940, 35.6680,
14.3880

 14.3520, 28.6080,
10.1760

 231.6220, 18.9800,
8.4520

 2.3920, 4.7680,
1.6960

 251.9510, 1.6960,
2.3040

 0.0000, 0.0000,
0.0000

■ 107.1080, 35.3470,
14.6990

■ 107.1080, 35.3470,
14.6990

■ 96.7070, 43.9660,
18.1900

■ 117.5090, 26.7280,
11.2080

■ 86.3060, 52.5850,
21.6810

■ 127.9100, 18.1090,
7.7170

■ 76.0190, 60.8830,
25.4830

■ 138.1970, 9.8110,
3.9150

■ 65.6180, 69.5020,
28.9740

■ 148.5980, 1.1920,
0.4240

■ 55.2170, 78.1210,
32.4650

■ 158.9990, -7.4270,
-3.0670


■ 46.2180, 85.5480,
35.5320

■ 169.4000,
-16.0460, -6.5580

■ 179.8010,
-24.6650, -10.0490

■ 190.0880,

-32.9630, -13.8510

 200.4890,
-41.5820, -17.3420

Harmonies

Analogous

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



108.5230, 24.1130, 20.0570



107.1080, 35.3470, 14.6990



105.9690, 36.8160, 4.5920

Triad

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



107.1080, 35.3470, 14.6990



99.5730, -6.8280, -19.4360



98.4030, -46.4910, 0.0450

Complementary

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



107.1080, 35.3470, 14.6990



130.8920, -35.3470, -14.6990

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.



85.0200, -73.8140, -16.9020



107.1080, 35.3470, 14.6990



94.7580, -32.2740, -20.8340

Square

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



107.1080, 35.3470, 14.6990



102.3430, 14.4910, -14.8290



86.3060, -63.1760, -22.4720



105.5530, -20.1300, 12.3980

Rectangle

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



107.1080, 35.3470, 14.6990



105.1870, 32.9660, -2.7300



86.3060, -63.1760, -22.4720



94.7500, -55.0180, -5.1140

Sweetspot

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



107.1080, 35.3470, 14.6990



177.9910, 13.3870, 5.1870



112.1110, 14.0700, 31.3660



87.3000, 8.0230, 3.2790



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



107.1080, 35.3470, 14.6990



126.9150, 55.2440, 23.0520



121.8000, 29.8020, -0.4540



69.0930, 4.1720, 1.4840



42.5160, 78.7170, 32.6770



3.1040, 5.6390, 2.4310

Inverse Universe

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



107.1080, 35.3470, 14.6990



126.9150, 55.2440, 23.0520



116.2000, -29.8020, 0.4540



69.0930, 4.1720, 1.4840



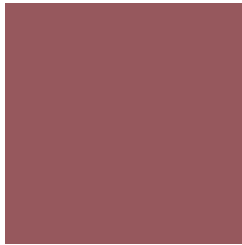
42.5160, 78.7170, 32.6770



3.1040, 5.6390, 2.4310

Previews

White Background



This preview shows how the YIQ color 107.1080, 35.3470, 14.6990 looks on a white background.

Color Contrast Check

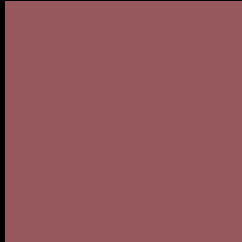
Large Text (above 18pt) WCAG AA ✓ Pass

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 107.1080, 35.3470, 14.6990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

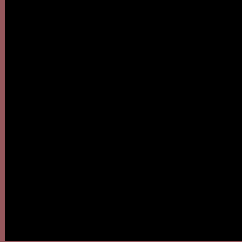
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 107.1080, 35.3470, 14.6990

Background



This preview shows how black text looks on a background with the YIQ color 107.1080, 35.3470, 14.6990.



This preview shows how white text looks on a background with the YIQ color 107.1080, 35.3470,

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

107.1080, 35.3470, 14.6990

Protanopia

105.8540, 3.3470, -0.0850

Deuteranopia

106.7260, 15.4510, 0.8190



Tritanopia

107.2220, 35.0260, 15.0100

Trichromacy



Original Color

107.1080, 35.3470, 14.6990

Protanomaly

106.4750, 14.9000, 5.3000

Deuteranomaly

106.8950, 22.4650, 5.8650

Tritanomaly

107.2220, 35.0260, 15.0100

Monochromacy



Original Color

107.1080, 35.3470, 14.6990

Achromatopsia

107.0000, -0.0000, 0.0000

Achromatomaly

107.1050, 13.0660, 5.4980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 107.1080, 35.3470, 14.6990 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(150, 88, 93)` looks like.

```
.text, #text, p{  
    color:rgb(150, 88, 93)  
}
```

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(150, 88, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 88, 93) }
```

Border

The CSS property to change the border of an element to YIQ 107.1080, 35.3470, 14.6990 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(150, 88, 93) }
```


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

```
.border{ border-color:rgb(150, 88, 93) }
```

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

Here you see how a box with a 4 pixel rgb(150, 88, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 88, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 88, 93);  
box-shadow:4px 4px 4px 4px rgb(150, 88,  
93) }
```

Background

The CSS property to change the background color of an element to YIQ 107.1080, 35.3470, 14.6990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 88, 93) }
```

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

```
.background{ background-color: rgb(150, 88,  
93) }
```

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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