

Converting Colors

YIQ(107.6240, 33.8340, 14.5860)

Have a look what the booklet for
YIQ(107.6240, 33.8340, 14.5860)
contains.

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Color

**YIQ(107.6240, 33.8340,
14.5860)**

Conversions

Conversions Part 1

Format	Color
Hex	95595F
RGB	149, 89, 95
RGB Percent	58%, 35%, 37%
CMY	0.4155, 0.6511, 0.6273
CMYK	0.00, 0.40, 0.36, 0.42
HSL	354°, 25%, 47%
HSV	354°, 40%, 58%
XYZ	18.0386, 14.3605, 12.6555
YIQ	107.6240, 33.8340, 14.5860

Conversions

Conversions Part 2

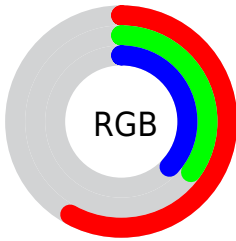
Format	Color
R _Y B	149, 89, 95
Decimal	9787743
CIE Lab	44.75, 25.50, 7.13
CIE LCh	45, 26.481, 15.618
Yxy	14.3605, 0.4004, 0.3187
Android (android.graphics.Color)	4287977823 (0xFF95595F)
YUV	107.6240, -6.2236, 36.2868
Hunter-Lab	37.8952, 18.6516, 6.7262

Details

The YIQ color **107.6240, 33.8340, 14.5860** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **130.3760, -33.8340, -14.5860**, and the grayscale version is **108.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **160.0050, 37.1350, 15.3350**, and **58.9440, 29.9370, 13.6250** is the 20% darker color. If you saturate the color by 10%, you get **97.3370, 42.1320, 18.3880**, and if you desaturate by 10%, it is **117.9110, 25.5360, 10.7840**.

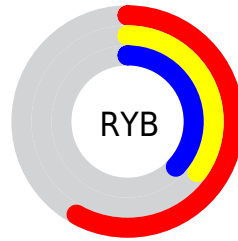
Distribution



Red (58%)

Green (35%)

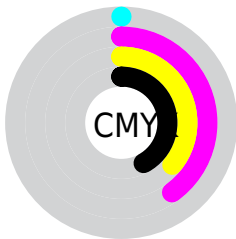
Blue (37%)



Red (58%)

Yellow (35%)

Blue (37%)

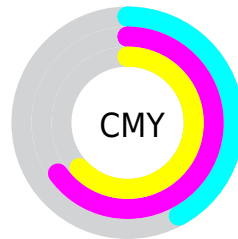


Cyan (0%)

Magenta (40%)

Yellow (36%)

Black (42%)



Cyan (42%)

Magenta (65%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 107.6240, 33.8340, 14.5860 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 107.6240, 33.8340, 14.5860 by changing the saturation by 10% instead.

■ 107.6240, 33.8340,
14.5860

■ 107.6240, 33.8340,
14.5860

■ 255.0000, -0.0000,
-0.0000

■ 82.7270, 32.0460,
13.9500

■ 160.0050, 37.1350,
15.3350

■ 58.9440, 29.9370,
13.6250

■ 187.6030, 38.3270,
15.7590

■ 35.2750, 27.5070,
13.6110

■ 212.8090, 34.7510,
14.4870

■ 14.1670, 27.6910,
10.2750

■ 232.4370, 18.0630,
8.5510

■ 2.0930, 4.1720,
1.4840

■ 252.6520, 1.1000,
2.0920

■ 0.0000, 0.0000,
0.0000

■ 107.6240, 33.8340,
14.5860

■ 107.6240, 33.8340,
14.5860

■ 97.3370, 42.1320,
18.3880

■ 117.9110, 25.5360,
10.7840

■ 86.9360, 50.7510,
21.8790

■ 128.3120, 16.9170,
7.2930

■ 76.6490, 59.0490,
25.6810

■ 138.5990, 8.6190,
3.4910

■ 66.2480, 67.6680,
29.1720

■ 149.0000, 0.0000,
-0.0000

■ 55.9610, 75.9660,
32.9740

■ 158.7000, -8.0230,
-3.2790


■ 46.2610, 83.9890,
36.2530

■ 168.9870,
-16.3210, -7.0810

■ 179.3880,
-24.9400, -10.5720

■ 189.6750,

-33.2380, -14.3740

 200.0760,
-41.8570, -17.8650

Harmonies

Analogous

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



108.6260, 22.3250, 19.4210



107.6240, 33.8340, 14.5860



106.1970, 36.1740, 5.2140

Triad

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



107.6240, 33.8340, 14.5860



100.4700, -5.0400, -18.8000



98.4740, -45.2530, -0.3650

Complementary

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



107.6240, 33.8340, 14.5860



130.3760, -33.8340, -14.5860

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.



89.0920, -65.1490, -14.2450



107.6240, 33.8340, 14.5860



96.1390, -28.9730, -20.0850

Square

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



107.6240, 33.8340, 14.5860



103.1690, 15.0410, -13.7830



90.0790, -55.1070, -20.0270



105.7270, -20.6800, 11.3520

Rectangle

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



107.6240, 33.8340, 14.5860



105.4150, 32.3240, -2.1080



90.0790, -55.1070, -20.0270



95.4190, -52.5880, -5.1000

Sweetspot

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



107.6240, 33.8340, 14.5860



178.1050, 13.0660, 5.4980



111.6870, 12.3280, 29.8960



87.4140, 7.7020, 3.5900



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.



107.6240, 33.8340, 14.5860



129.8330, 52.5390, 22.5150



120.4410, 29.4350, 0.6910



69.0930, 4.1720, 1.4840



42.8580, 77.7540, 33.6100



3.1040, 5.6390, 2.4310

Inverse Universe

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



107.6240, 33.8340, 14.5860



129.8330, 52.5390, 22.5150



117.5590, -29.4350, -0.6910



69.0930, 4.1720, 1.4840



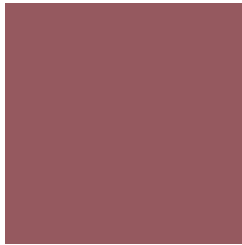
42.8580, 77.7540, 33.6100



3.1040, 5.6390, 2.4310

Previews

White Background



This preview shows how the YIQ color 107.6240, 33.8340, 14.5860 looks on a white background.

Color Contrast Check

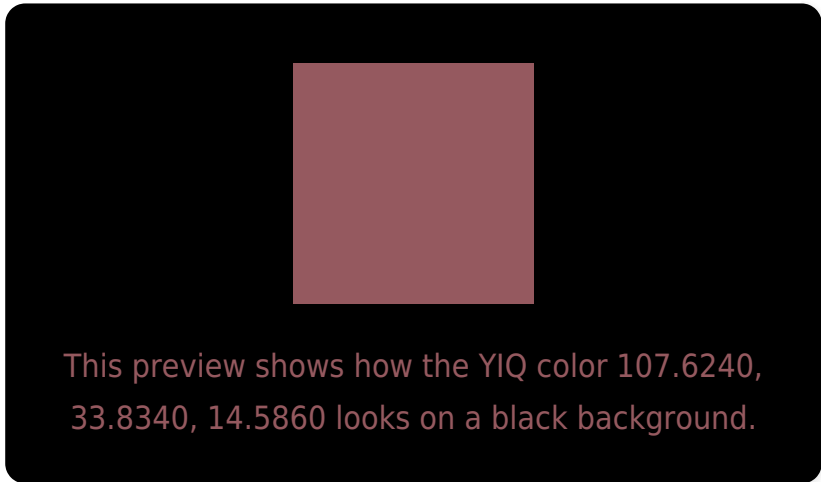
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

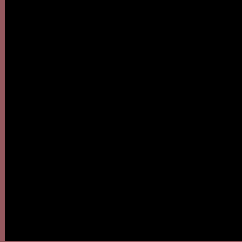
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 107.6240, 33.8340, 14.5860

Background



This preview shows how black text looks on a background with the YIQ color 107.6240, 33.8340, 14.5860.



This preview shows how white text looks on a background with the YIQ color 107.6240, 33.8340,

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

107.6240, 33.8340, 14.5860

Protanopia

106.6690, 2.4300, 0.0140

Deuteranopia

106.6550, 14.2130, 1.2290



Tritanopia

107.6240, 33.8340, 14.5860

Trichromacy



Original Color

107.6240, 33.8340, 14.5860

Protanomaly

107.2900, 13.9830, 5.3990

Deuteranomaly

106.8240, 21.2270, 6.2750

Tritanomaly

107.6240, 33.8340, 14.5860

Monochromacy



Original Color

107.6240, 33.8340, 14.5860

Achromatopsia

108.0000, -0.0000, 0.0000

Achromatomaly

107.8060, 12.4700, 5.2860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 107.6240, 33.8340, 14.5860 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(149, 89, 95)` looks like.

```
.text, #text, p{  
    color:rgb(149, 89, 95)  
}
```

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(149, 89, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 89, 95) }
```

Border

The CSS property to change the border of an element to YIQ 107.6240, 33.8340, 14.5860 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(149, 89, 95) }
```


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

```
.border{ border-color:rgb(149, 89, 95) }
```

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

Here you see how a box with a 4 pixel rgb(149, 89, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 89, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 89, 95);  
box-shadow:4px 4px 4px 4px rgb(149, 89,  
95) }
```

Background

The CSS property to change the background color of an element to YIQ 107.6240, 33.8340, 14.5860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 89, 95) }
```

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

```
.background{ background-color: rgb(149, 89,  
95) }
```

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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