

Converting Colors

YIQ(107.9740, 38.4200, 8.5640)

Have a look what the booklet for
YIQ(107.9740, 38.4200, 8.5640)
contains.

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Color

**YIQ(107.9740, 38.4200,
8.5640)**

Conversions

Conversions Part 1

Format	Color
Hex	965C50
RGB	150, 92, 80
RGB Percent	59%, 36%, 31%
CMY	0.4116, 0.6393, 0.6861
CMYK	0.00, 0.39, 0.47, 0.41
HSL	10°, 30%, 45%
HSV	10°, 47%, 59%
XYZ	17.8583, 14.7170, 9.4968
YIQ	107.9740, 38.4200, 8.5640

Conversions

Conversions Part 2

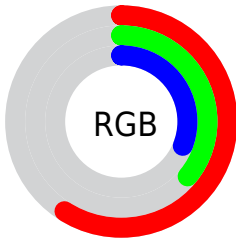
Format	Color
R_{YB}	150, 94, 80
Decimal	9854032
CIE _{Lab}	45.24, 22.39, 16.90
CIE _{LCh}	45, 28.053, 37.038
Yxy	14.7170, 0.4245, 0.3498
Android (android.graphics.Color)	4288044112 (0xFF965C50)
YUV	107.9740, -13.7912, 36.8568
Hunter-Lab	38.3628, 15.9589, 12.1765

Details

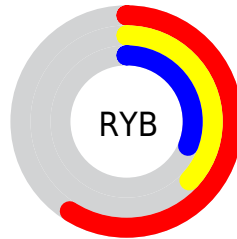
The YIQ color **107.9740, 38.4200, 8.5640** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **122.0260, -38.4200, -8.5640**, and the grayscale version is **108.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **160.2410, 42.0420, 9.0020**, and **59.1090, 33.6060, 7.7020** is the 20% darker color. If you saturate the color by 10%, you get **99.2200, 46.5350, 10.1750**, and if you desaturate by 10%, it is **116.7280, 30.3050, 6.9530**.

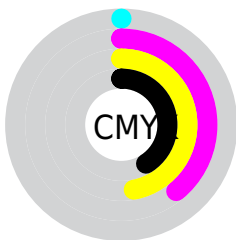
Distribution



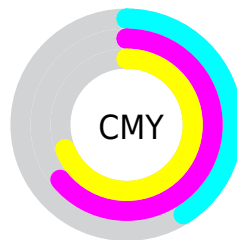
- Red (59%)
- Green (36%)
- Blue (31%)



- Red (59%)
- Yellow (37%)
- Blue (31%)



- Cyan (0%)
- Magenta (39%)
- Yellow (47%)
- Black (41%)





- Cyan (41%)
- Magenta (64%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 107.9740, 38.4200, 8.5640 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 107.9740, 38.4200, 8.5640 by changing the saturation by 10% instead.


 107.9740, 38.4200,
8.5640

 107.9740, 38.4200,
8.5640


255.0000, -0.0000,
-0.0000


 83.1910, 36.3110,
8.2390


 160.2410, 42.0420,
9.0020


 59.1090, 33.6060,
7.7020


 187.7250, 43.5550,
9.1150

 36.4400, 31.1760,
7.6880

 212.6320, 39.3830,
7.6310

 13.7540, 27.4160,
9.7520

 232.2600, 22.6950,
1.6950

 1.4950, 2.9800,
1.0600

 252.4750, 5.7320,
-4.7640

 0.0000, 0.0000,
0.0000

■ 107.9740, 38.4200,
8.5640

■ 107.9740, 38.4200,
8.5640

■ 99.2200, 46.5350,
10.1750

■ 116.7280, 30.3050,
6.9530

■ 89.8790, 54.9250,
12.3090

■ 126.0690, 21.9150,
4.8190

■ 81.1250, 63.0400,
13.9200

■ 134.8230, 13.8000,
3.2080

■ 71.7840, 71.4300,
16.0540

■ 144.1640, 5.4100,
1.0740

■ 63.0300, 79.5450,
17.6650

■ 152.9180, -2.7050,
-0.5370

■ 60.1120, 82.2500,
18.2020

■ 162.2590,
-11.0950, -2.6710

■ 171.0130,
-19.2100, -4.2820

■ 180.3540,

-27.6000, -6.4160

■ 189.1080,
-35.7150, -8.0270

Harmonies

Analogous

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



109.3190, 33.3750, 17.3990



107.9740, 38.4200, 8.5640



106.3720, 33.8830, -2.8290

Triad

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



107.9740, 38.4200, 8.5640



98.1350, -23.1500, -20.9900



105.3560, -29.9410, 8.4830

Complementary

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



107.9740, 38.4200, 8.5640



122.0260, -38.4200, -8.5640

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.



95.3800, -56.8520, -4.9160



107.9740, 38.4200, 8.5640



90.9820, -53.4560, -22.4160

Square

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



107.9740, 38.4200, 8.5640



102.2920, 1.3330, -18.6590



84.6560, -75.7850, -19.7290



109.5120, -3.7170, 17.8110

Rectangle

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



107.9740, 38.4200, 8.5640



105.5510, 25.7690, -9.9670



84.6560, -75.7850, -19.7290



102.3440, -38.8350, 4.4690

Sweetspot

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



107.9740, 38.4200, 8.5640



177.4210, 14.9920, 3.6320



107.5420, 23.1020, 32.8780



86.8440, 9.3070, 2.0350



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.



107.9740, 38.4200, 8.5640



128.7440, 59.7390, 13.1710



128.5190, 28.7950, -9.7410



69.6800, 3.8970, 0.9610



54.7630, 75.9230, 17.2270



4.1640, 5.4100, 1.0740

Inverse Universe

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



122.0260, -38.4200, -8.5640



150.2560, -59.7390, -13.1710



101.4810, -28.7950, 9.7410



71.3200, -3.8970, -0.9610



82.6500, -75.6480, -16.7040



5.8360, -5.4100, -1.0740

Previews

White Background



This preview shows how the YIQ color 107.9740, 38.4200, 8.5640 looks on a white background.

Color Contrast Check

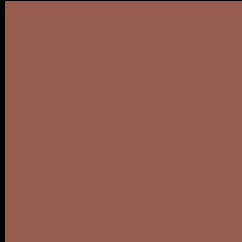
Large Text (above 18pt) WCAG AA ✓ Pass

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 107.9740, 38.4200, 8.5640 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 107.9740, 38.4200, 8.5640

Background



This preview shows how black text looks on a background with the YIQ color 107.9740, 38.4200, 8.5640.



This preview shows how white text looks on a background with the YIQ color 107.9740, 38.4200,

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

107.9740, 38.4200, 8.5640

Protanopia

106.8130, 10.5920, -4.7360

Deuteranopia

107.3260, 22.3290, -2.6870



Tritanopia

108.9230, 34.4300, 14.7980

Trichromacy



Original Color

107.9740, 38.4200, 8.5640

Protanomaly

107.4230, 20.6780, -0.2980

Deuteranomaly

107.4840, 27.8760, 1.4120

Tritanomaly

108.8260, 36.0810, 12.4090

Monochromacy



Original Color

107.9740, 38.4200, 8.5640

Achromatopsia

108.0000, -0.0000, 0.0000

Achromatomaly

107.8230, 13.8000, 3.2080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 107.9740, 38.4200, 8.5640 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, 92, 80)` looks like.

```
.text, #text, p{  
  color:rgb(150, 92, 80)  
}
```

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, 92, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 92, 80) }
```

Border

The CSS property to change the border of an element to YIQ 107.9740, 38.4200, 8.5640 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, 92, 80) }
```


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

```
.border{ border-color:rgb(150, 92, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 92, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 92, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 92, 80);  
box-shadow:4px 4px 4px 4px rgb(150, 92,  
80) }
```

Background

The CSS property to change the background color of an element to YIQ 107.9740, 38.4200, 8.5640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 92, 80) }
```

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

```
.background{ background-color: rgb(150, 92,  
80) }
```

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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