

Converting Colors

YIQ(76.9340, 9.5340, 14.4460)

Have a look what the booklet for
YIQ(76.9340, 9.5340, 14.4460)
contains.

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Color

**YIQ(76.9340, 9.5340,
14.4460)**

Conversions

Conversions Part 1

Format	Color
Hex	5F415B
RGB	95, 65, 91
RGB Percent	37%, 25%, 36%
CMY	0.6274, 0.7451, 0.6431
CMYK	0.00, 0.32, 0.04, 0.63
HSL	308°, 19%, 31%
HSV	308°, 32%, 37%
XYZ	8.4997, 6.9687, 10.7957
YIQ	76.9340, 9.5340, 14.4460

Conversions

Conversions Part 2

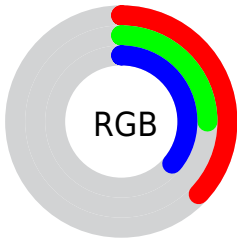
Format	Color
RYB	95, 65, 91
Decimal	6242651
CIELab	31.74, 17.84, -10.27
CIELCh	32, 20.580, 330.080
Yxy	6.9687, 0.3236, 0.2653
Android (android.graphics.Color)	4284432731 (0xFF5F415B)
YUV	76.9340, 6.9345, 15.8439
Hunter-Lab	26.3982, 11.2768, -5.7681

Details

The YIQ color **76.9340, 9.5340, 14.4460** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **83.0660, -9.5340, -14.4460**, and the grayscale version is **77.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **126.0590, 10.6800, 15.7040**, and **31.8090, 8.3880, 13.1880** is the 20% darker color. If you saturate the color by 10%, you get **70.9500, 12.6050, 19.3650**, and if you desaturate by 10%, it is **82.3310, 6.7380, 10.0500**.

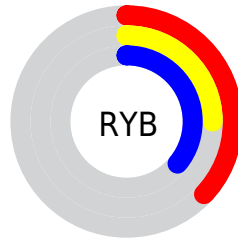
Distribution



Red (37%)

Green (25%)

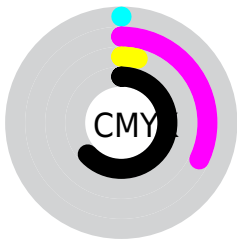
Blue (36%)



Red (37%)

Yellow (25%)

Blue (36%)

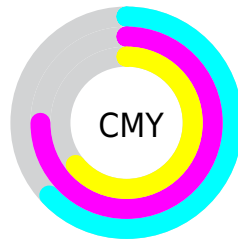


Cyan (0%)

Magenta (32%)

Yellow (4%)

Black (63%)



Cyan (63%)

Magenta (75%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 76.9340, 9.5340, 14.4460 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 76.9340, 9.5340, 14.4460 by changing the saturation by 10% instead.

■ 76.9340, 9.5340,
14.4460

■ 76.9340, 9.5340,
14.4460

■ 255.0000, -0.0000,
-0.0000

■ 54.1080, 8.9840,
13.4000

■ 126.0590, 10.6800,
15.7040

■ 31.8090, 8.3880,
13.1880

■ 152.4720, 10.9550,
16.2270

■ 11.5210, 9.2590,
13.9230

■ 178.8850, 11.2300,
16.7500

■ 0.0000, 0.0000,
0.0000

■ 206.8850, 11.2300,
16.7500

■ 233.9990, 10.9090,
17.0610

■ 251.4780, 1.6500,

3.1380

■ 76.9340, 9.5340,
14.4460

■ 76.9340, 9.5340,
14.4460

■ 70.9500, 12.6050,
19.3650

■ 82.3310, 6.7380,
10.0500

■ 65.4390, 15.7220,
23.4500

■ 88.4290, 3.3460,
5.4420

■ 59.4550, 18.7930,
28.3690

■ 93.8260, 0.5500,
1.0460

■ 54.0580, 21.5890,
32.7650

■ 99.8100, -2.5210,
-3.8730

■ 48.0740, 24.6600,
37.6840

■ 105.7940, -5.5920,
-8.7920

■ 42.5630, 27.7770,
41.7690

■ 111.3050, -8.7090,
-12.8770

■ 37.7530, 30.2980,
45.6420

■ 117.2890,
-11.7800, -17.7960

■ 122.6860,
-14.5760, -22.1920

■ 128.6700,
-17.6470, -27.1110

Harmonies

Analogous

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



75.8550, -6.4210, 11.7470



76.9340, 9.5340, 14.4460



76.3390, 21.4550, 13.1590

Triad

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



76.9340, 9.5340, 14.4460



73.6410, 16.8280, -7.6200



61.3730, -46.9470, -13.7230

Complementary

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



76.9340, 9.5340, 14.4460



83.0660, -9.5340, -14.4460

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.



65.5290, -29.8910, -14.4590



76.9340, 9.5340, 14.4460



71.9490, 4.0370, -12.5950

Square

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



76.9340, 9.5340, 14.4460



74.5760, 24.6210, -0.1710



69.3970, -11.9640, -14.4600



66.0520, -41.3090, -5.7650

Rectangle

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



76.9340, 9.5340, 14.4460



75.9710, 25.3070, 9.4270



69.3970, -11.9640, -14.4600



62.2980, -42.3620, -14.2180

Sweetspot

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



76.9340, 9.5340, 14.4460



115.4290, 3.3460, 5.4420



69.6160, -7.2460, 10.1780



56.7770, 2.2460, 3.3500



189.0000, -0.0000, -0.0000



61.0000, 0.0000, -0.0000

Same Dimension

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



76.9340, 9.5340, 14.4460



94.3140, 14.5760, 22.1920



75.2240, 14.3490, 9.7810



45.6520, 1.1000, 2.0920



44.5460, 35.6150, 53.9110



95.4720, 76.2720, 115.5680

Inverse Universe

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



76.9340, 9.5340, 14.4460



94.3140, 14.5760, 22.1920



84.7760, -14.3490, -9.7810



45.6520, 1.1000, 2.0920



44.5460, 35.6150, 53.9110



95.4720, 76.2720, 115.5680

Previews

White Background



This preview shows how the YIQ color 76.9340, 9.5340, 14.4460 looks on a white background.

Color Contrast Check

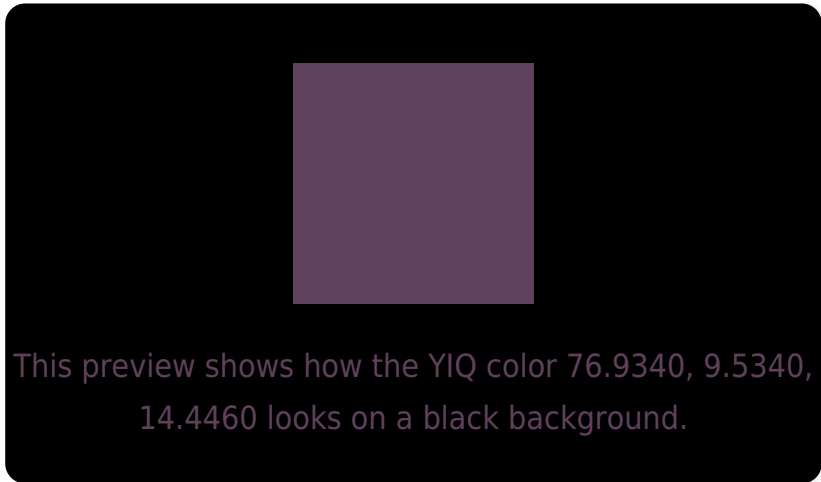
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

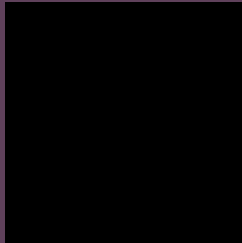
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 76.9340, 9.5340, 14.4460

Background



This preview shows how black text looks on a background with the YIQ color 76.9340, 9.5340, 14.4460.



This preview shows how white text looks on a background with the YIQ color 76.9340, 9.5340,

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

76.9340, 9.5340, 14.4460

Protanopia

75.1270, -10.3630, 6.0930

Deuteranopia

75.4220, -3.9440, 5.4000



Tritanopia

76.1590, 12.9740, 7.1660

Trichromacy



Original Color

76.9340, 9.5340, 14.4460

Protanomaly

75.8290, -3.5320, 8.9480

Deuteranomaly

75.8680, 0.7320, 8.7640

Tritanomaly

76.5550, 11.9190, 9.7670

Monochromacy



Original Color

76.9340, 9.5340, 14.4460

Achromatopsia

77.0000, -0.0000, -0.0000

Achromatomaly

77.3150, 3.6670, 5.1310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 76.9340, 9.5340, 14.4460 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(95, 65, 91)` looks like.

```
.text, #text, p{  
    color:rgb(95, 65, 91)  
}
```

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(95, 65, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 65, 91) }
```

Border

The CSS property to change the border of an element to YIQ 76.9340, 9.5340, 14.4460 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(95, 65, 91) }
```


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

```
.border{ border-color:rgb(95, 65, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 65, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 65, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 65, 91);  
box-shadow:4px 4px 4px 4px rgb(95, 65, 91)  
}
```

Background

The CSS property to change the background color of an element to YIQ 76.9340, 9.5340, 14.4460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 65, 91) }
```

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

```
.background{ background-color: rgb(95, 65,  
91) }
```

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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