

Converting Colors

YIQ(76.0910, 7.6540, 15.4780)

Have a look what the booklet for
YIQ(76.0910, 7.6540, 15.4780)
contains.

YIQ(76.0910, 7.6540, 15.4780)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(76.0910, 7.6540,
15.4780)**

Conversions

Conversions Part 1

Format	Color
Hex	5D405E
RGB	93, 64, 94
RGB Percent	36%, 25%, 37%
CMY	0.6352, 0.7491, 0.6314
CMYK	0.01, 0.32, 0.00, 0.63
HSL	298°, 19%, 31%
HSV	298°, 32%, 37%
XYZ	8.3696, 6.8019, 11.4619
YIQ	76.0910, 7.6540, 15.4780

Conversions

Conversions Part 2

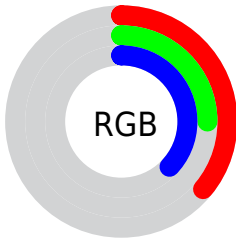
Format	Color
R_YB	93, 64, 94
Decimal	6111326
CIE Lab	31.35, 18.34, -12.79
CIE LCh	31, 22.365, 325.109
Yxy	6.8019, 0.3143, 0.2554
Android (android.graphics.Color)	4284301406 (0xFF5D405E)
YUV	76.0910, 8.8291, 14.8292
Hunter-Lab	26.0805, 11.6425, -7.8004

Details

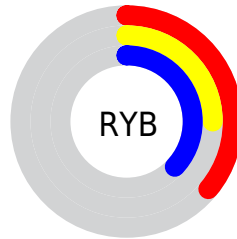
The YIQ color **76.0910, 7.6540, 15.4780** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **81.9090, -7.6540, -15.4780**, and the grayscale version is **76.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **125.2160, 8.8000, 16.7360**, and **30.9660, 6.5080, 14.2200** is the 20% darker color. If you saturate the color by 10%, you get **70.8080, 10.1290, 20.1850**, and if you desaturate by 10%, it is **81.3740, 5.1790, 10.7710**.

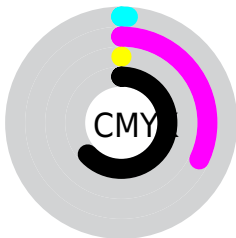
Distribution



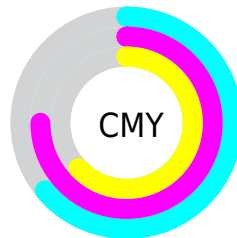
- Red (36%)
- Green (25%)
- Blue (37%)



- Red (36%)
- Yellow (25%)
- Blue (37%)



- Cyan (1%)
- Magenta (32%)
- Yellow (0%)
- Black (63%)



- Cyan (64%)
- Magenta (75%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 76.0910, 7.6540, 15.4780 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 76.0910, 7.6540, 15.4780 by changing the saturation by 10% instead.

■ 76.0910, 7.6540,
15.4780

■ 76.0910, 7.6540,
15.4780

■ 255.0000, -0.0000,
-0.0000

■ 53.2650, 7.1040,
14.4320

■ 125.2160, 8.8000,
16.7360

■ 30.9660, 6.5080,
14.2200

■ 151.6290, 9.0750,
17.2590

■ 11.4500, 8.0210,
14.3330

■ 178.0420, 9.3500,
17.7820

■ 0.0000, 0.0000,
0.0000

■ 205.4550, 9.6250,
18.3050

■ 233.8680, 9.9000,
18.8280

■ 250.8910, 1.9250,

3.6610

■ 76.0910, 7.6540,
15.4780

■ 76.0910, 7.6540,
15.4780

■ 70.8080, 10.1290,
20.1850

■ 81.3740, 5.1790,
10.7710

■ 64.6390, 12.2830,
25.2030

■ 87.5430, 3.0250,
5.7530

■ 59.3560, 14.7580,
29.9100

■ 92.8260, 0.5500,
1.0460

■ 53.4860, 17.5080,
35.1400

■ 98.6960, -2.2000,
-4.1840

■ 47.9040, 19.3870,
39.6350

■ 104.2780, -4.0790,
-8.6790

■ 42.6210, 21.8620,
44.3420

■ 109.5610, -6.5540,
-13.3860

■ 37.9250, 24.0620,
48.5260

■ 115.4310, -9.3040,
-18.6160

■ 120.7140,
-11.7790, -23.3230

■ 126.8830,
-13.9330, -28.3410

Harmonies

Analogous

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



74.2890, -10.6390, 11.0970



76.0910, 7.6540, 15.4780



75.3930, 21.3630, 14.8270

Triad

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



76.0910, 7.6540, 15.4780



73.0220, 20.1290, -6.8710



58.7530, -51.0730, -16.0410

Complementary

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



76.0910, 7.6540, 15.4780



81.9090, -7.6540, -15.4780

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.



63.8770, -30.9910, -16.5510



76.0910, 7.6540, 15.4780



70.8030, 7.3840, -12.6800

Square

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



76.0910, 7.6540, 15.4780



74.1850, 27.2800, 1.2000



68.2400, -10.0840, -15.4920



59.1750, -55.0170, -10.6410

Rectangle

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



76.0910, 7.6540, 15.4780



75.0360, 26.6820, 12.0420



68.2400, -10.0840, -15.4920



58.0690, -49.1470, -17.9070

Sweetspot

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



76.0910, 7.6540, 15.4780



114.9560, 3.3000, 6.2760



68.0070, -9.9050, 8.8070



56.8910, 1.9250, 3.6610



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.



76.0910, 7.6540, 15.4780



94.6990, 12.0540, 23.8460



74.7940, 12.7440, 11.3360



43.0650, 1.3750, 2.6150



44.2340, 27.8660, 56.6820



95.4890, 60.4070, 122.2550

Inverse Universe

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



73.0840, 17.5590, 6.6710



89.8680, 27.0950, 10.0630



83.2060, -12.7440, -11.3360



42.4950, 2.9800, 1.0600



33.3460, 64.2760, 24.5640



71.7750, 138.6840, 52.7320

Previews

White Background



This preview shows how the YIQ color 76.0910, 7.6540, 15.4780 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



This preview shows how the YIQ color 76.0910, 7.6540, 15.4780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

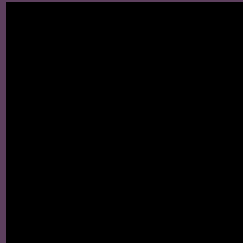
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 76.0910, 7.6540, 15.4780

Background



This preview shows how black text looks on a background with the YIQ color 76.0910, 7.6540, 15.4780.



This preview shows how white text looks on a background with the YIQ color 76.0910, 7.6540,

15.4780.

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

76.0910, 7.6540, 15.4780

Protanopia

74.0990, -13.1600, 7.2240

Deuteranopia

74.8670, -6.6950, 5.6970



Tritanopia

75.1480, 11.5070, 6.2190

Trichromacy



Original Color

76.0910, 7.6540, 15.4780

Protanomaly

74.9860, -5.4120, 9.9800

Deuteranomaly

75.6120, -1.4230, 9.2730

Tritanomaly

75.7720, 9.8100, 9.4420

Monochromacy



Original Color

76.0910, 7.6540, 15.4780

Achromatopsia

76.0000, -0.0000, -0.0000

Achromatomaly

76.2440, 2.4290, 5.5410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 76.0910, 7.6540, 15.4780 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(93, 64, 94)` looks like.

```
.text, #text, p{  
    color:rgb(93, 64, 94)  
}
```

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(93, 64, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 64, 94) }
```

Border

The CSS property to change the border of an element to YIQ 76.0910, 7.6540, 15.4780 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(93, 64, 94) }
```


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

```
.border{ border-color:rgb(93, 64, 94) }
```

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

Here you see how a box with a 4 pixel rgb(93, 64, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 64, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 64, 94);  
box-shadow:4px 4px 4px 4px rgb(93, 64, 94)  
}
```

Background

The CSS property to change the background color of an element to YIQ 76.0910, 7.6540, 15.4780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 64, 94) }
```

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

```
.background{ background-color: rgb(93, 64,  
94) }
```

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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