

Converting Colors

YIQ(91.3150, 4.8080, 34.0240)

Have a look what the booklet for
YIQ(91.3150, 4.8080, 34.0240)
contains.

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Color

**YIQ(91.3150, 4.8080,
34.0240)**

Conversions

Conversions Part 1

Format	Color
Hex	754490
RGB	117, 68, 144
RGB Percent	46%, 27%, 56%
CMY	0.5410, 0.7334, 0.4353
CMYK	0.19, 0.53, 0.00, 0.44
HSL	279°, 36%, 42%
HSV	279°, 53%, 56%
XYZ	14.4409, 9.9299, 27.5370
YIQ	91.3150, 4.8080, 34.0240

Conversions

Conversions Part 2

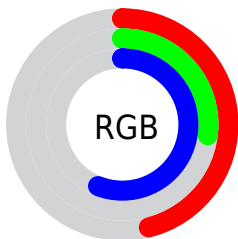
Format	Color
R_{YB}	117, 68, 144
Decimal	7685264
CIE _{Lab}	37.72, 35.27, -33.86
CIE _{LCh}	38, 48.892, 316.162
Yxy	9.9299, 0.2782, 0.1913
Android (android.graphics.Color)	4285875344 (0xFF754490)
YUV	91.3150, 25.9737, 22.5257
Hunter-Lab	31.5117, 26.6557, -29.7533

Details

The YIQ color **91.3150, 4.8080, 34.0240** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **120.6850, -4.8080, -34.0240**, and the grayscale version is **91.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **142.9670, 5.9080, 36.1160**, and **42.0760, 3.9830, 32.4550** is the 20% darker color. If you saturate the color by 10%, you get **81.6020, 5.6780, 40.2860**, and if you desaturate by 10%, it is **101.0280, 3.9380, 27.7620**.

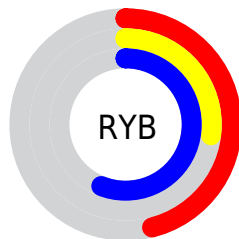
Distribution



Red (46%)

Green (27%)

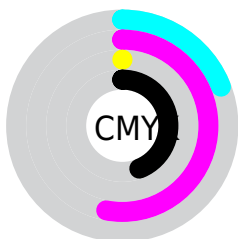
Blue (56%)



Red (46%)

Yellow (27%)

Blue (56%)

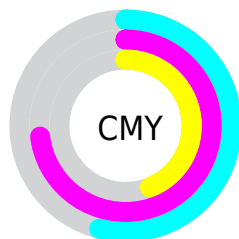


Cyan (19%)

Magenta (53%)

Yellow (0%)

Black (44%)



Cyan (54%)


Magenta (73%)


Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 91.3150, 4.8080, 34.0240 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 91.3150, 4.8080, 34.0240 by changing the saturation by 10% instead.

 91.3150, 4.8080,
34.0240

 91.3150, 4.8080,
34.0240

255.0000, -0.0000,
-0.0000

 66.4890, 4.2580,
32.9780


 142.9670, 5.9080,
36.1160


 42.0760, 3.9830,
32.4550


 169.7930, 6.4580,
37.1620

 20.1250, 2.2870,
30.1510

 197.3200, 6.4120,
37.9960

 11.2240, -2.8460,
18.5460

 222.1280, 15.4000,
29.2880

 3.3230, -7.9790,
6.9410

 238.5640, 7.7000,
14.6440

 0.0000, 0.0000,
0.0000

91.3150, 4.8080,
34.0240

91.3150, 4.8080,
34.0240

81.6020, 5.6780,
40.2860

101.0280, 3.9380,
27.7620

71.3020, 6.8230,
47.0710

111.3280, 2.7930,
20.9770

61.5890, 7.6930,
53.3330

121.0410, 1.9230,
14.7150

51.2890, 8.8380,
60.1180

131.3410, 0.7780,
7.9300

44.2230, 9.2040,
64.5000

141.3530, 0.5040,
1.8800

151.0660, -0.3660,
-4.3820

161.3660, -1.5110,
-11.1670

171.0790, -2.3810,

-17.4290

■ 181.3790, -3.5260,
-24.2140

Harmonies

Analogous

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



82.7470, -49.7950, 15.8770



91.3150, 4.8080, 34.0240



87.2130, 40.3860, 39.0260

Triad

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



91.3150, 4.8080, 34.0240



83.4380, 50.7120, -15.9760



75.3490, -64.7350, -21.7510

Complementary

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



91.3150, 4.8080, 34.0240



120.6850, -4.8080, -34.0240

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.



69.9740, -50.9780, -34.2900



91.3150, 4.8080, 34.0240



80.6040, 26.2770, -30.1950

Square

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



91.3150, 4.8080, 34.0240



84.8810, 60.6110, 8.3790



74.8410, -14.1150, -36.0590



78.1650, -75.4200, -9.8200

Rectangle

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



91.3150, 4.8080, 34.0240



84.1790, 54.9210, 34.4170



74.8410, -14.1150, -36.0590



73.7530, -60.2410, -26.1050

Sweetspot

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



91.3150, 4.8080, 34.0240



165.4000, 2.2900, 13.5700



93.1000, -32.0960, 8.9920



81.6400, 1.3740, 8.1420



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



91.3150, 4.8080, 34.0240



105.0620, 7.7390, 52.4990



98.2480, 24.1100, 36.6380



66.2930, 0.7330, 3.2370



41.4030, 8.5170, 60.4290



2.4070, 0.4120, 3.5480

Inverse Universe

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



93.8020, 36.6290, 24.5090



108.6570, 56.5710, 37.5550



113.7520, -24.1100, -36.6380



66.4350, 3.2090, 2.4170



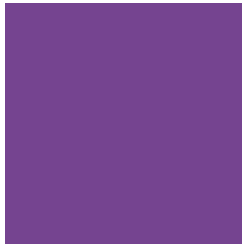
45.8370, 65.0520, 43.5480



2.7340, 3.8050, 2.6290

Previews

White Background



This preview shows how the YIQ color 91.3150, 4.8080, 34.0240 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 91.3150, 4.8080, 34.0240 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 91.3150, 4.8080, 34.0240

Background



This preview shows how black text looks on a background with the YIQ color 91.3150, 4.8080, 34.0240.



This preview shows how white text looks on a background with the YIQ color 91.3150, 4.8080,

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

91.3150, 4.8080, 34.0240

Protanopia

85.0850, -44.9350, 15.9050

Deuteranopia

86.7410, -32.4630, 10.1370



Tritanopia

90.4580, 13.5700, 7.3780

Trichromacy



Original Color

91.3150, 4.8080, 34.0240

Protanomaly

87.3540, -26.4590, 22.4770

Deuteranomaly

88.1390, -18.6640, 18.8720

Tritanomaly

90.7000, 10.3130, 16.8490

Monochromacy



Original Color

91.3150, 4.8080, 34.0240

Achromatopsia

91.0000, -0.0000, -0.0000

Achromatomaly

91.1610, 1.4650, 12.0010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 91.3150, 4.8080, 34.0240 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(117, 68, 144)` looks like.

```
.text, #text, p{  
    color:rgb(117, 68, 144)  
}
```

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(117, 68, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 68, 144) }
```

Border

The CSS property to change the border of an element to YIQ 91.3150, 4.8080, 34.0240 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(117, 68, 144) }
```


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

```
.border{ border-color:rgb(117, 68, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 68, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 68, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 68, 144);  
box-shadow:4px 4px 4px 4px rgb(117, 68,  
144) }
```

Background

The CSS property to change the background color of an element to YIQ 91.3150, 4.8080, 34.0240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 68, 144) }
```

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

```
.background{ background-color: rgb(117, 68,  
144) }
```

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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