

Converting Colors

YIQ(91.1640, 6.5510, 29.9670)

Have a look what the booklet for
YIQ(91.1640, 6.5510, 29.9670)
contains.

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Color

**YIQ(91.1640, 6.5510,
29.9670)**

Conversions

Conversions Part 1

Format	Color
Hex	744687
RGB	116, 70, 135
RGB Percent	45%, 27%, 53%
CMY	0.5449, 0.7256, 0.4706
CMYK	0.14, 0.48, 0.00, 0.47
HSL	283°, 32%, 40%
HSV	283°, 48%, 53%
XYZ	13.7692, 9.8426, 24.0935
YIQ	91.1640, 6.5510, 29.9670

Conversions

Conversions Part 2

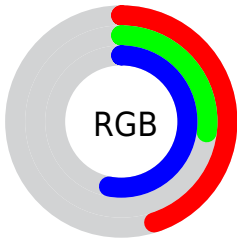
Format	Color
R_{YB}	116, 70, 135
Decimal	7620231
CIE Lab	37.56, 31.74, -28.63
CIE LCh	38, 42.746, 317.955
Yxy	9.8426, 0.2886, 0.2063
Android (android.graphics.Color)	4285810311 (0xFF744687)
YUV	91.1640, 21.6111, 21.7812
Hunter-Lab	31.3730, 23.4389, -23.5718

Details

The YIQ color **91.1640, 6.5510, 29.9670** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **113.8360, -6.5510, -29.9670**, and the grayscale version is **91.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **142.5170, 7.0550, 31.8470**, and **42.9250, 5.7260, 28.3980** is the 20% darker color. If you saturate the color by 10%, you get **81.7500, 8.0170, 36.4410**, and if you desaturate by 10%, it is **99.9910, 5.3600, 24.0160**.

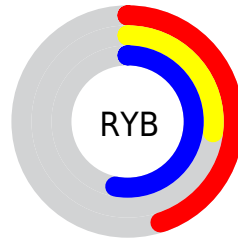
Distribution



Red (45%)

Green (27%)

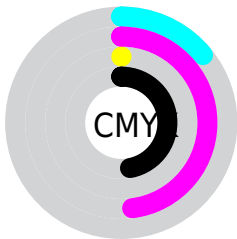
Blue (53%)



Red (45%)

Yellow (27%)

Blue (53%)

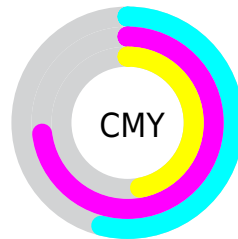


Cyan (14%)

Magenta (48%)

Yellow (0%)

Black (47%)



Cyan (54%)

Magenta (73%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 91.1640, 6.5510, 29.9670 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 91.1640, 6.5510, 29.9670 by changing the saturation by 10% instead.

91.1640, 6.5510,
29.9670

91.1640, 6.5510,
29.9670

255.0000, -0.0000,
-0.0000

66.6370, 6.5970,
29.1330

142.5170, 7.0550,
31.8470

42.9250, 5.7260,
28.3980

169.2290, 7.9260,
32.5820

19.5120, 5.4510,
27.8750

197.0550, 8.4760,
33.6280

10.4260, -0.5990,
16.3690

222.7150, 15.1250,
28.7650

2.4110, -5.4110,
4.4530

239.7380, 7.1500,
13.5980

0.0000, 0.0000,
0.0000

91.1640, 6.5510,
29.9670

91.1640, 6.5510,
29.9670

81.7500, 8.0170,
36.4410

99.9910, 5.3600,
24.0160

72.9230, 9.2080,
42.3920

109.4050, 3.8940,
17.5420

63.5090, 10.6740,
48.8660

118.2320, 2.7030,
11.5910

54.6820, 11.8650,
54.8170

127.6460, 1.2370,
5.1170

45.2680, 13.3310,
61.2910

136.4730, 0.0460,
-0.8340

44.0940, 13.8810,
62.3370

145.8870, -1.4200,
-7.3080

154.7140, -2.6110,
-13.2590

164.1280, -4.0770,

-19.7330

■ 172.6560, -5.8640,
-25.8960

Harmonies

Analogous

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



85.6900, -36.4530, 16.3710



91.1640, 6.5510, 29.9670



88.3710, 36.7650, 33.0610

Triad

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



91.1640, 6.5510, 29.9670



85.0120, 43.2840, -13.5160



74.0610, -63.8640, -21.0160

Complementary

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



91.1640, 6.5510, 29.9670



113.8360, -6.5510, -29.9670

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.



69.3700, -52.0330, -31.6890



91.1640, 6.5510, 29.9670



81.7870, 21.5080, -26.3640

Square

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



91.1640, 6.5510, 29.9670



86.1080, 52.5420, 5.9340



76.3020, -13.7950, -30.8430



76.3070, -72.9440, -10.6400

Rectangle

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



91.1640, 6.5510, 29.9670



86.6680, 48.8700, 28.4380



76.3020, -13.7950, -30.8430



72.6930, -60.0120, -24.7480

Sweetspot

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



91.1640, 6.5510, 29.9670



159.2320, 2.7030, 11.5910



88.5630, -26.0900, 10.2780



78.9990, 1.7410, 6.9970



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



91.1640, 6.5510, 29.9670



107.1560, 10.1700, 46.9860



95.3630, 22.0480, 29.9520



61.8800, 0.4580, 2.7140



42.3280, 13.1020, 59.9340



0.9400, 0.2290, 1.3570

Inverse Universe

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



91.6010, 32.6410, 19.6890



107.9180, 51.1620, 30.9540



109.6370, -22.0480, -29.9520



62.0220, 2.9340, 1.8940



43.2020, 65.2820, 39.3780



1.0110, 1.4670, 0.9470

Previews

White Background



This preview shows how the YIQ color 91.1640, 6.5510, 29.9670 looks on a white background.

Color Contrast Check

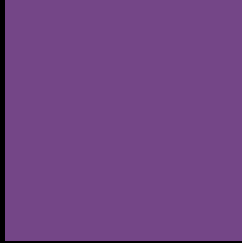
Large Text (above 18pt) WCAG AA ✓ Pass

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 91.1640, 6.5510, 29.9670 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 91.1640, 6.5510, 29.9670

Background



This preview shows how black text looks on a background with the YIQ color 91.1640, 6.5510, 29.9670.



This preview shows how white text looks on a background with the YIQ color 91.1640, 6.5510,

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

91.1640, 6.5510, 29.9670

Protanopia

86.7070, -35.1230, 14.2930

Deuteranopia

87.5200, -24.5310, 9.5570



Tritanopia

90.0560, 14.7620, 7.8020

Trichromacy



Original Color

91.1640, 6.5510, 29.9670

Protanomaly

88.5950, -19.9480, 20.1160

Deuteranomaly

88.6080, -12.7950, 17.1330

Tritanomaly

90.5430, 12.1930, 15.8170

Monochromacy



Original Color

91.1640, 6.5510, 29.9670

Achromatopsia

91.0000, -0.0000, -0.0000

Achromatomaly

90.8190, 2.4280, 11.0680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 91.1640, 6.5510, 29.9670 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(116, 70, 135)` looks like.

```
.text, #text, p{  
    color:rgb(116, 70, 135)  
}
```

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(116, 70, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 70, 135) }
```

Border

The CSS property to change the border of an element to YIQ 91.1640, 6.5510, 29.9670 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(116, 70, 135) }
```


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

```
.border{ border-color:rgb(116, 70, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 70, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 70, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 70, 135); box-shadow:4px 4px 4px 4px rgb(116, 70, 135) }
```

Background

The CSS property to change the background color of an element to YIQ 91.1640, 6.5510, 29.9670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 70, 135) }
```

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

```
.background{ background-color: rgb(116, 70,  
135) }
```

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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