

Converting Colors

YIQ(92.7740, 7.4690, 24.3410)

Have a look what the booklet for
YIQ(92.7740, 7.4690, 24.3410)
contains.

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Color

**YIQ(92.7740, 7.4690,
24.3410)**

Conversions

Conversions Part 1

Format	Color
Hex	734B7E
RGB	115, 75, 126
RGB Percent	45%, 29%, 49%
CMY	0.5489, 0.7059, 0.5059
CMYK	0.09, 0.40, 0.00, 0.51
HSL	287°, 25%, 39%
HSV	287°, 40%, 49%
XYZ	13.3552, 10.1832, 20.9995
YIQ	92.7740, 7.4690, 24.3410

Conversions

Conversions Part 2

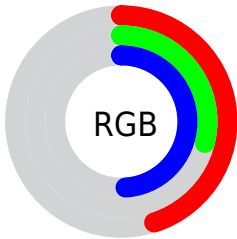
Format	Color
R_{YB}	115, 75, 126
Decimal	7555966
CIE _{Lab}	38.17, 26.45, -22.16
CIE _{LCh}	38, 34.506, 320.049
Yxy	10.1832, 0.2999, 0.2286
Android (android.graphics.Color)	4285746046 (0xFF734B7E)
YUV	92.7740, 16.3804, 19.4922
Hunter-Lab	31.9112, 18.8597, -16.6786

Details

The YIQ color $92.7740, 7.4690, 24.3410$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $108.2260, -7.4690, -24.3410$, and the grayscale version is $93.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $144.0130, 8.2940, 25.9100$, and $45.5350, 6.6440, 22.7720$ is the 20% darker color. If you saturate the color by 10%, you get $84.2460, 9.2560, 30.5040$, and if you desaturate by 10%, it is $101.3020, 5.6820, 18.1780$.

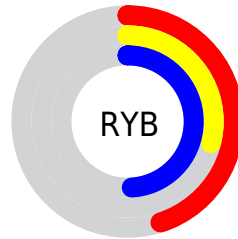
Distribution



Red (45%)

Green (29%)

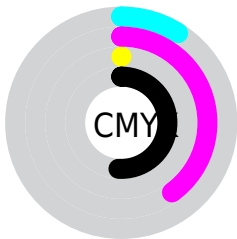
Blue (49%)



Red (45%)

Yellow (29%)

Blue (49%)

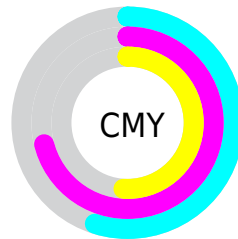


Cyan (9%)

Magenta (40%)

Yellow (0%)

Black (51%)



Cyan (55%)

Magenta (71%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 92.7740, 7.4690, 24.3410 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 92.7740, 7.4690, 24.3410 by changing the saturation by 10% instead.

■ 92.7740, 7.4690,
24.3410

■ 92.7740, 7.4690,
24.3410

■ 255.0000, -0.0000,
-0.0000

■ 68.9480, 6.9190,
23.2950

■ 144.0130, 8.2940,
25.9100

■ 45.5350, 6.6440,
22.7720

■ 170.4260, 8.5690,
26.4330

■ 22.8230, 5.7730,
22.0370

■ 198.2520, 9.1190,
27.4790

■ 10.2260, 2.8400,
14.6160

■ 225.0520, 12.5580,
25.7260

■ 0.4560, -1.2840,
1.2440

■ 242.6730, 5.7750,
10.9830

■ 0.0000, 0.0000,
0.0000

■ 92.7740, 7.4690,
24.3410

■ 92.7740, 7.4690,
24.3410

■ 84.2460, 9.2560,
30.5040

■ 101.3020, 5.6820,
18.1780

■ 76.6040, 11.3640,
36.3560

■ 108.9440, 3.5740,
12.3260

■ 68.0760, 13.1510,
42.5190

■ 117.4720, 1.7870,
6.1630

■ 60.1350, 14.6630,
48.1590

■ 125.4130, 0.2750,
0.5230

■ 51.6070, 16.4500,
54.3220

■ 133.9410, -1.5120,
-5.6400

■ 43.9650, 18.5580,
60.1740

■ 142.1700, -3.8950,
-12.0150

■ 150.1110, -5.4070,
-17.6550

■ 158.6390, -7.1940,

-23.8180

■ 166.2810, -9.3020,
-29.6700

Harmonies

Analogous

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



89.3940, -23.9360, 15.2960



92.7740, 7.4690, 24.3410



91.6920, 31.1270, 25.1030

Triad

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



92.7740, 7.4690, 24.3410



87.7430, 33.9760, -10.0240



73.3600, -63.2680, -20.8040

Complementary

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



92.7740, 7.4690, 24.3410



108.2260, -7.4690, -24.3410

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.



69.4670, -53.6840, -29.3000



92.7740, 7.4690, 24.3410



85.1810, 14.7670, -19.8330

Square

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



92.7740, 7.4690, 24.3410



89.2640, 43.2350, 3.8990



81.1870, -11.7330, -24.1570



74.3350, -70.1470, -11.7710

Rectangle

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



92.7740, 7.4690, 24.3410



90.4340, 40.4810, 20.7770



81.1870, -11.7330, -24.1570



72.3340, -60.3790, -23.6030

Sweetspot

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



92.7740, 7.4690, 24.3410



150.6510, 2.8410, 9.0890



87.2710, -19.3960, 10.1080



74.0590, 1.5120, 5.6400



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



92.7740, 7.4690, 24.3410



110.9570, 11.8680, 38.2360



94.4670, 18.5190, 22.3190



59.2930, 0.7330, 3.2370



44.4920, 18.5120, 61.0080



0.0000, 0.0000, 0.0000

Inverse Universe

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



91.5030, 26.8650, 14.2330



108.8580, 42.2230, 22.2470



106.5330, -18.5190, -22.3190



59.3210, 3.5300, 2.1060



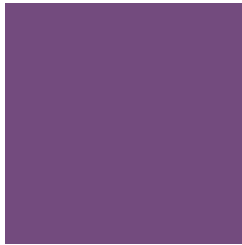
41.3500, 67.6210, 35.5330



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 92.7740, 7.4690, 24.3410 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 92.7740, 7.4690, 24.3410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

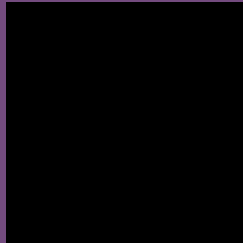
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 92.7740, 7.4690, 24.3410

Background



This preview shows how black text looks on a background with the YIQ color 92.7740, 7.4690, 24.3410.



This preview shows how white text looks on a background with the YIQ color 92.7740, 7.4690,

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

92.7740, 7.4690, 24.3410

Protanopia

89.6880, -24.9440, 11.5360

Deuteranopia

90.1850, -16.2780, 8.6660



Tritanopia

91.7570, 14.1660, 7.5900

Trichromacy



Original Color

92.7740, 7.4690, 24.3410

Protanomaly

90.7820, -13.3450, 16.0870

Deuteranomaly

91.2510, -7.4760, 14.3480

Tritanomaly

92.0760, 12.0100, 13.6260

Monochromacy



Original Color

92.7740, 7.4690, 24.3410

Achromatopsia

93.0000, -0.0000, -0.0000

Achromatomaly

92.6510, 2.8410, 9.0890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 92.7740, 7.4690, 24.3410 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(115, 75, 126)` looks like.

```
.text, #text, p{  
    color:rgb(115, 75, 126)  
}
```

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(115, 75, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 75, 126) }
```

Border

The CSS property to change the border of an element to YIQ 92.7740, 7.4690, 24.3410 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(115, 75, 126) }
```


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

```
.border{ border-color:rgb(115, 75, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 75, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 75, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 75, 126);  
box-shadow:4px 4px 4px 4px rgb(115, 75,  
126) }
```

Background

The CSS property to change the background color of an element to YIQ 92.7740, 7.4690, 24.3410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 75, 126) }
```

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

```
.background{ background-color: rgb(115, 75,  
126) }
```

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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