

Converting Colors

YIQ(92.7420, 10.4950, 24.5670)

Have a look what the booklet for
YIQ(92.7420, 10.4950, 24.5670)
contains.

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Color

**YIQ(92.7420, 10.4950,
24.5670)**

Conversions

Conversions Part 1

Format	Color
Hex	764A7B
RGB	118, 74, 123
RGB Percent	46%, 29%, 48%
CMY	0.5371, 0.7099, 0.5176
CMYK	0.04, 0.40, 0.00, 0.52
HSL	294°, 25%, 39%
HSV	294°, 40%, 48%
XYZ	13.4987, 10.1792, 19.9925
YIQ	92.7420, 10.4950, 24.5670

Conversions

Conversions Part 2

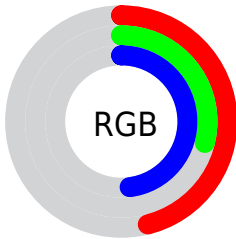
Format	Color
R_{YB}	118, 74, 123
Decimal	7752315
CIE Lab	38.16, 27.41, -20.29
CIE LCh	38, 34.105, 323.487
Yxy	10.1792, 0.3091, 0.2331
Android (android.graphics.Color)	4285942395 (0xFF764A7B)
YUV	92.7420, 14.9172, 22.1513
Hunter-Lab	31.9048, 19.6885, -14.8196

Details

The YIQ color $92.7420, 10.4950, 24.5670$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $104.2580, -10.4950, -24.5670$, and the grayscale version is $93.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $143.9810, 11.3200, 26.1360$, and $45.2040, 9.0740, 22.7860$ is the 20% darker color. If you saturate the color by 10%, you get $85.3990, 13.1990, 30.6310$, and if you desaturate by 10%, it is $100.0850, 7.7910, 18.5030$.

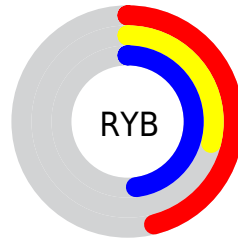
Distribution



Red (46%)

Green (29%)

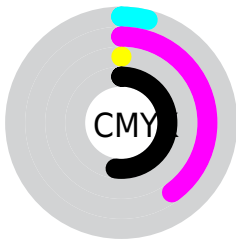
Blue (48%)



Red (46%)

Yellow (29%)

Blue (48%)

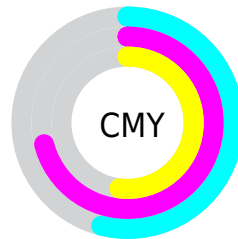


Cyan (4%)

Magenta (40%)

Yellow (0%)

Black (52%)



Cyan (54%)

Magenta (71%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 92.7420, 10.4950, 24.5670 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 92.7420, 10.4950, 24.5670 by changing the saturation by 10% instead.

92.7420, 10.4950,
24.5670

92.7420, 10.4950,
24.5670

255.0000, -0.0000,
-0.0000

68.3290, 10.2200,
24.0440

143.9810, 11.3200,
26.1360

45.2040, 9.0740,
22.7860

170.6930, 12.1910,
26.8710

22.2040, 9.0740,
22.7860

198.1060, 12.4660,
27.3940

10.5960, 4.6740,
14.4180

225.0630, 14.0250,
26.6730

0.0000, 0.0000,
0.0000

242.0860, 6.0500,
11.5060

■ 92.7420, 10.4950,
24.5670

■ 92.7420, 10.4950,
24.5670

■ 85.3990, 13.1990,
30.6310

■ 100.0850, 7.7910,
18.5030

■ 77.4690, 16.1780,
37.2180

■ 108.3140, 5.4080,
12.1280

■ 69.8270, 18.2860,
43.0700

■ 115.6570, 2.7040,
6.0640

■ 62.4840, 20.9900,
49.1340

■ 123.0000, -0.0000,
-0.0000

■ 54.5540, 23.9690,
55.7210

■ 130.3430, -2.7040,
-6.0640


■ 47.2110, 26.6730,
61.7850

■ 138.5720, -5.0870,
-12.4390

■ 145.9150, -7.7910,
-18.5030

■ 153.2580,

-10.4950, -24.5670

 161.1880,
-13.4740, -31.1540

Harmonies

Analogous

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



90.4870, -19.7640, 16.7800



92.7420, 10.4950, 24.5670



91.3500, 32.0900, 24.1700

Triad

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



92.7420, 10.4950, 24.5670



87.4330, 31.9130, -11.1830



73.1150, -63.9560, -19.3480

Complementary

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



92.7420, 10.4950, 24.5670



104.2580, -10.4950, -24.5670

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.



69.9230, -54.9680, -28.0560



92.7420, 10.4950, 24.5670



85.0990, 12.0620, -20.3700

Square

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



92.7420, 10.4950, 24.5670



89.0250, 42.4100, 2.3300



80.3330, -15.0800, -24.0720



74.5630, -70.7890, -11.1490

Rectangle

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



92.7420, 10.4950, 24.5670



89.7930, 40.8480, 19.6320



80.3330, -15.0800, -24.0720



72.6760, -61.3420, -22.6700

Sweetspot

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



92.7420, 10.4950, 24.5670



148.6620, 4.3080, 10.0360



83.1080, -17.3790, 12.1010



74.3580, 2.1080, 5.8520



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.



92.7420, 10.4950, 24.5670



113.4090, 16.4070, 38.5750



92.0710, 19.5740, 19.7180



57.4780, 1.6500, 3.1380



47.7380, 26.6270, 62.6190



96.6010, 54.4000, 126.4960

Inverse Universe

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



89.2210, 27.5990, 11.9430



107.8210, 43.6450, 18.5010



104.9290, -19.5740, -19.7180



56.9080, 3.2550, 1.5830



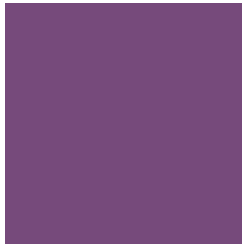
38.8570, 70.3270, 30.5430



78.3120, 141.8460, 61.5100

Previews

White Background



This preview shows how the YIQ color 92.7420, 10.4950, 24.5670 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 92.7420, 10.4950, 24.5670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

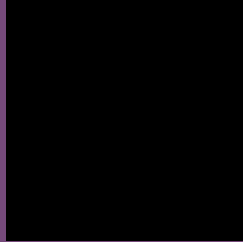
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 92.7420, 10.4950, 24.5670

Background



This preview shows how black text looks on a background with the YIQ color 92.7420, 10.4950, 24.5670.



This preview shows how white text looks on a background with the YIQ color 92.7420, 10.4950,

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

92.7420, 10.4950, 24.5670

Protanopia

89.7590, -23.7060, 11.1260

Deuteranopia

90.4410, -14.1230, 8.1570



Tritanopia

91.9530, 16.5500, 8.4380

Trichromacy



Original Color

92.7420, 10.4950, 24.5670

Protanomaly

91.1520, -11.5110, 15.8890

Deuteranomaly

91.5070, -5.3210, 13.8390

Tritanomaly

92.2720, 14.3940, 14.4740

Monochromacy



Original Color

92.7420, 10.4950, 24.5670

Achromatopsia

93.0000, -0.0000, -0.0000

Achromatomaly

92.8360, 3.7580, 8.9900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 92.7420, 10.4950, 24.5670 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(118, 74, 123)` looks like.

```
.text, #text, p{  
    color:rgb(118, 74, 123)  
}
```

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(118, 74, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 74, 123) }
```

Border

The CSS property to change the border of an element to YIQ 92.7420, 10.4950, 24.5670 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(118, 74, 123) }
```


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

```
.border{ border-color:rgb(118, 74, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 74, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 74, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 74, 123);  
box-shadow:4px 4px 4px 4px rgb(118, 74,  
123) }
```

Background

The CSS property to change the background color of an element to YIQ 92.7420, 10.4950, 24.5670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 74, 123) }
```

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

```
.background{ background-color: rgb(118, 74,  
123) }
```

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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