

Converting Colors

YIQ(107.4830, -4.7730, 25.9390)

Have a look what the booklet for
YIQ(107.4830, -4.7730, 25.9390)
contains.

YIQ(107.4830, -4.7730, 25.9390)	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(107.4830, -4.7730,
25.9390)**

Conversions

Conversions Part 1

Format	Color
Hex	775C9D
RGB	119, 92, 157
RGB Percent	47%, 36%, 62%
CMY	0.5332, 0.6393, 0.3844
CMYK	0.24, 0.41, 0.00, 0.38
HSL	265°, 26%, 49%
HSV	265°, 41%, 62%
XYZ	17.5219, 14.0099, 33.6711
YIQ	107.4830, -4.7730, 25.9390

Conversions

Conversions Part 2

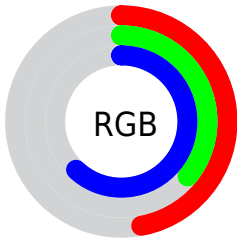
Format	Color
R _Y B	119, 92, 157
Decimal	7822493
CIE Lab	44.25, 24.88, -31.37
CIE LCh	44, 40.042, 308.417
Yxy	14.0099, 0.2687, 0.2149
Android (android.graphics.Color)	4286012573 (0xFF775C9D)
YUV	107.4830, 24.4119, 10.1004
Hunter-Lab	37.4298, 18.0584, -27.1352

Details

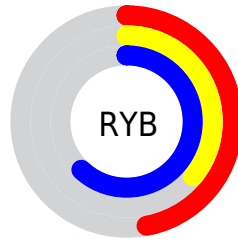
The YIQ color $107.4830, -4.7730, 25.9390$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $141.5170, 4.7730, -25.9390$, and the grayscale version is $107.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $159.5370, -4.8650, 27.6070$, and $58.7170, -5.5520, 23.5360$ is the 20% darker color. If you saturate the color by 10%, you get $95.4000, -5.7370, 32.3990$, and if you desaturate by 10%, it is $119.5660, -3.8090, 19.4790$.

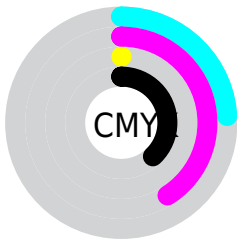
Distribution



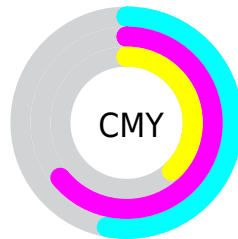
- Red (47%)
- Green (36%)
- Blue (62%)



- Red (47%)
- Yellow (36%)
- Blue (62%)



- Cyan (24%)
- Magenta (41%)
- Yellow (0%)
- Black (38%)



- Cyan (53%)
- Magenta (64%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 107.4830, -4.7730, 25.9390 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 107.4830, -4.7730, 25.9390 by changing the saturation by 10% instead.

■ 107.4830, -4.7730,
25.9390

■ 107.4830, -4.7730,
25.9390

■ 255.0000, -0.0000,
-0.0000

■ 82.6570, -5.3230,
24.8930

■ 159.8360, -4.2690,
27.8190

■ 59.0160, -4.9560,
23.7480

■ 186.3630, -4.3150,
28.6530

■ 36.4780, -6.3770,
21.9670

■ 213.1800, 0.4540,
24.8220

■ 13.0760, -5.1850,
22.3910

■ 237.3900, 8.2500,
15.6900

■ 5.1640, -11.7850,
9.8390

■ 253.8260, 0.5500,
1.0460

■ 1.1400, -3.2100,
3.1100

■ 0.0000, 0.0000,

0.0000

■ 107.4830, -4.7730,
25.9390

■ 107.4830, -4.7730,
25.9390

■ 95.4000, -5.7370,
32.3990

■ 119.5660, -3.8090,
19.4790

■ 83.9040, -6.9760,
38.3360

■ 131.0620, -2.5700,
13.5420

■ 71.8210, -7.9400,
44.7960

■ 143.4440, -1.0100,
7.2940

■ 59.4390, -9.5000,
51.0440

■ 155.5270, -0.0460,
0.8340

■ 47.3560, -10.4640,
57.5040

■ 167.0230, 1.1930,
-5.1030

■ 37.3330, -11.6570,
62.6070

■ 179.1060, 2.1570,
-11.5630

■ 191.1890, 3.1210,
-18.0230

■ 203.2720, 4.0850,
-24.4830

■ 215.0670, 5.9200,
-30.2080

Harmonies

Analogous

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



98.9550, -47.6850, 10.6750



107.4830, -4.7730, 25.9390



107.5270, 27.4580, 31.0260

Triad

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



107.4830, -4.7730, 25.9390



102.7230, 45.8960, -5.7840



83.9090, -69.5480, -28.1400

Complementary

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



107.4830, -4.7730, 25.9390



141.5170, 4.7730, -25.9390

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.



85.4370, -44.9720, -33.0040



107.4830, -4.7730, 25.9390



100.2980, 27.5590, -20.3850

Square

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



107.4830, -4.7730, 25.9390



103.6830, 52.5410, 11.4610



96.2390, -0.3160, -27.3240



86.9700, -79.5450, -17.6650

Rectangle

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



107.4830, -4.7730, 25.9390



105.3730, 42.4510, 29.1310



96.2390, -0.3160, -27.3240



82.6550, -66.0170, -31.5610

Sweetspot

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



107.4830, -4.7730, 25.9390



185.7260, -1.7440, 9.5840



122.3030, -31.5900, -0.1820



91.3900, -0.9180, 5.6260



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



107.4830, -4.7730, 25.9390



126.1860, -7.7100, 40.6260



116.7520, 13.7030, 32.5110



72.8090, -0.7800, 3.1240



33.9430, -10.7390, 56.9810



3.5040, -1.2390, 5.9370

Inverse Universe

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



115.7670, 26.5420, 25.5980



139.3380, 41.5320, 40.2840



131.9490, -14.2990, -32.7230



73.9620, 3.1630, 3.2510



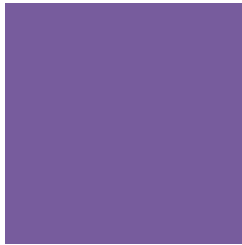
52.2190, 58.5850, 56.1290



5.5110, 6.0510, 5.9790

Previews

White Background



This preview shows how the YIQ color 107.4830, -4.7730, 25.9390 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 107.4830, -4.7730, 25.9390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

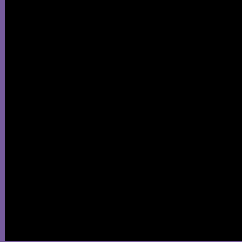
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 107.4830, -4.7730, 25.9390

Background



This preview shows how black text looks on a background with the YIQ color 107.4830, -4.7730, 25.9390.



This preview shows how white text looks on a background with the YIQ color 107.4830, -4.7730,

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

107.4830, -4.7730, 25.9390

Protanopia

103.6040, -33.3350, 14.9290

Deuteranopia

103.5350, -28.8870, 11.4090



Tritanopia

105.6030, 2.7960, 4.3960

Trichromacy



Original Color

107.4830, -4.7730, 25.9390

Protanomaly

105.1000, -22.9280, 19.0560

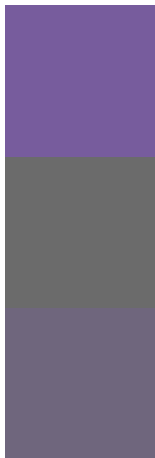
Deuteranomaly

105.1880, -20.3600, 16.5680

Tritanomaly

106.0900, 0.2270, 12.4110

Monochromacy



Original Color

107.4830, -4.7730, 25.9390

Achromatopsia

107.0000, -0.0000, 0.0000

Achromatomaly

107.3130, -2.0190, 9.0610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 107.4830, -4.7730, 25.9390 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(119, 92, 157)` looks like.

```
.text, #text, p{  
    color:rgb(119, 92, 157)  
}
```

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(119, 92, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 92, 157) }
```

Border

The CSS property to change the border of an element to YIQ 107.4830, -4.7730, 25.9390 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(119, 92, 157) }
```


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

```
.border{ border-color:rgb(119, 92, 157) }
```

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

Here you see how a box with a 4 pixel rgb(119, 92, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 92, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 92, 157);  
box-shadow:4px 4px 4px 4px rgb(119, 92,  
157) }
```

Background

The CSS property to change the background color of an element to YIQ 107.4830, -4.7730, 25.9390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 92, 157) }
```

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

```
.background{ background-color: rgb(119, 92,  
157) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor