

Converting Colors

YIQ(117.4720, -6.2400, 24.9920)

Have a look what the booklet for
YIQ(117.4720, -6.2400, 24.9920)
contains.

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Color

**YIQ(117.4720, -6.2400,
24.9920)**

Conversions

Conversions Part 1

Format	Color
Hex	7F67A7
RGB	127, 103, 167
RGB Percent	50%, 40%, 65%
CMY	0.5019, 0.5961, 0.3452
CMYK	0.24, 0.38, 0.00, 0.35
HSL	263°, 27%, 53%
HSV	263°, 38%, 65%
XYZ	20.5786, 17.0018, 38.7471
YIQ	117.4720, -6.2400, 24.9920

Conversions

Conversions Part 2

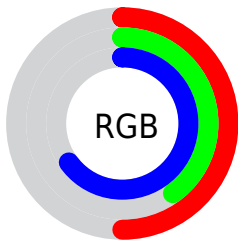
Format	Color
R_{YB}	127, 103, 167
Decimal	8349607
CIE _{Lab}	48.26, 23.24, -30.93
CIE _{LCh}	48, 38.691, 306.923
Yxy	17.0018, 0.2696, 0.2227
Android (android.graphics.Color)	4286539687 (0xFF7F67A7)
YUV	117.4720, 24.4173, 8.3561
Hunter-Lab	41.2332, 16.9276, -26.8519

Details

The YIQ color **117.4720, -6.2400, 24.9920** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **152.5280, 6.2400, -24.9920**, and the grayscale version is **117.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **169.8250, -5.7360, 26.8720**, and **68.7060, -7.0190, 22.5890** is the 20% darker color. If you saturate the color by 10%, you get **104.5030, -7.5250, 31.7630**, and if you desaturate by 10%, it is **130.4410, -4.9550, 18.2210**.

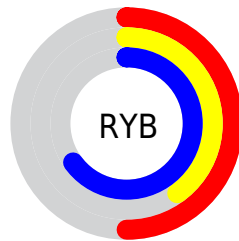
Distribution



Red (50%)

Green (40%)

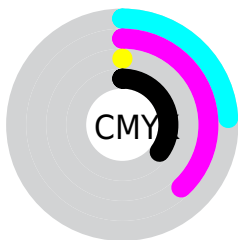
Blue (65%)



Red (50%)

Yellow (40%)

Blue (65%)

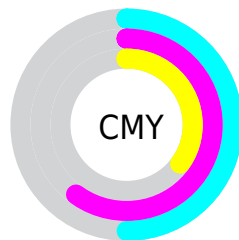


Cyan (24%)

Magenta (38%)

Yellow (0%)

Black (35%)



Cyan (50%)

Magenta (60%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 117.4720, -6.2400, 24.9920 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 117.4720, -6.2400, 24.9920 by changing the saturation by 10% instead.

■ 117.4720, -6.2400,
24.9920

■ 117.4720, -6.2400,
24.9920

■ 255.0000, -0.0000,
-0.0000

■ 92.5320, -6.4690,
23.6350

■ 169.8250, -5.7360,
26.8720

■ 68.7060, -7.0190,
22.5890

■ 197.3520, -5.7820,
27.7060

■ 45.7660, -7.2480,
21.2320

■ 222.6160, 1.9220,
20.2420

■ 23.2280, -8.6690,
19.4510

■ 244.4340, 4.9500,
9.4140

■ 5.9130, -12.3360,
14.3200

■ 3.0950, -7.3370,
6.3190

■ 0.0000, 0.0000,

0.0000

■ 117.4720, -6.2400,
24.9920

■ 117.4720, -6.2400,
24.9920

■ 104.5030, -7.5250,
31.7630

■ 130.4410, -4.9550,
18.2210

■ 91.8220, -9.6810,
37.7990

■ 143.1220, -2.7990,
12.1850

■ 78.8530, -10.9660,
44.5700

■ 156.0910, -1.5140,
5.4140

■ 65.5850, -12.8470,
51.1290

■ 169.3590, 0.3670,
-1.1450

■ 53.2030, -14.4070,
57.3770

■ 181.7410, 1.9270,
-7.3930

■ 39.9350, -16.2880,
63.9360

■ 195.0090, 3.8080,
-13.9520

■ 37.8750, -16.0590,
65.2930

■ 207.9780, 5.0930,
-20.7230

■ 220.9470, 6.3780,
-27.4940

■ 233.6280, 8.5340,
-33.5300

Harmonies

Analogous

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



109.7270, -47.0430, 10.0530



117.4720, -6.2400, 24.9920



117.6300, 25.6700, 30.3900

Triad

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



117.4720, -6.2400, 24.9920



113.2500, 45.8500, -4.9500



90.6910, -74.8660, -30.8820

Complementary

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



117.4720, -6.2400, 24.9920



152.5280, 6.2400, -24.9920

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.



99.2100, -36.9030, -30.5590



117.4720, -6.2400, 24.9920



110.8360, 28.9800, -18.6040

Square

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



117.4720, -6.2400, 24.9920



114.2100, 52.4950, 12.2950



107.1360, 1.4720, -26.6880



93.7520, -84.8630, -20.4070

Rectangle

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



117.4720, -6.2400, 24.9920



116.3620, 40.9840, 28.1840



107.1360, 1.4720, -26.6880



89.4370, -71.3350, -34.3030

Sweetspot

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



117.4720, -6.2400, 24.9920



198.4270, -2.3400, 9.3720



134.3630, -31.8190, -1.5390



98.5040, -1.2390, 5.9370



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



117.4720, -6.2400, 24.9920



139.4630, -10.0480, 38.9440



126.7410, 12.2360, 31.5640



77.8090, -0.7800, 3.1240



33.6160, -14.1320, 57.9000



4.6720, -1.6520, 7.9160

Inverse Universe

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



126.6960, 25.3040, 26.0080



153.9680, 39.6980, 40.4820



143.2590, -12.2360, -31.5640



78.9620, 3.1630, 3.2510



54.7400, 58.6760, 59.9880



7.4620, 7.7470, 8.2830

Previews

White Background



This preview shows how the YIQ color 117.4720, -6.2400, 24.9920 looks on a white background.

Color Contrast Check

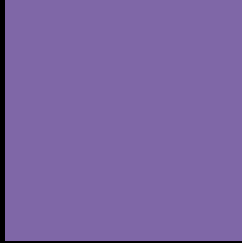
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.4720, -6.2400, 24.9920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

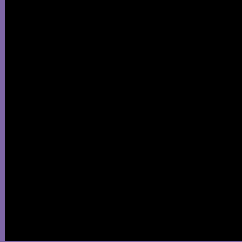
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 117.4720, -6.2400, 24.9920

Background



This preview shows how black text looks on a background with the YIQ color 117.4720, -6.2400, 24.9920.

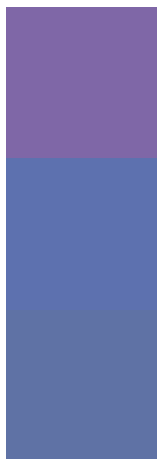


This preview shows how white text looks on a background with the YIQ color 117.4720, -6.2400,

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

117.4720, -6.2400, 24.9920

Protanopia

114.0880, -31.8220, 15.0420

Deuteranopia

114.1330, -27.6950, 11.8330



Tritanopia

115.7060, 1.0080, 3.7600

Trichromacy



Original Color

117.4720, -6.2400, 24.9920

Protanomaly

114.9860, -22.6070, 18.7450

Deuteranomaly

115.4870, -19.7640, 16.7800

Tritanomaly

116.1930, -1.5610, 11.7750

Monochromacy



Original Color

117.4720, -6.2400, 24.9920

Achromatopsia

117.0000, -0.0000, 0.0000

Achromatomaly

117.3130, -2.0190, 9.0610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 117.4720, -6.2400, 24.9920 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(127, 103, 167)` looks like.

```
.text, #text, p{  
    color:rgb(127, 103, 167)  
}
```

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(127, 103, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 103, 167) }
```

Border

The CSS property to change the border of an element to YIQ 117.4720, -6.2400, 24.9920 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(127, 103, 167) }
```


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

```
.border{ border-color:rgb(127, 103, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 103, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 103, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 103, 167);  
box-shadow:4px 4px 4px 4px rgb(127, 103,  
167) }
```

Background

The CSS property to change the background color of an element to YIQ 117.4720, -6.2400, 24.9920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 103, 167) }
```

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

```
.background{ background-color: rgb(127,  
103, 167) }
```

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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