

Converting Colors

YIQ(117.4610, -24.9020,
32.8100)

Have a look what the booklet for
YIQ(117.4610, -24.9020, 32.8100)
contains.

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Color

**YIQ(117.4610, -24.9020,
32.8100)**

Conversions

Conversions Part 1

Format	Color
Hex	7267C9
RGB	114, 103, 201
RGB Percent	45%, 40%, 79%
CMY	0.5528, 0.5961, 0.2119
CMYK	0.43, 0.49, 0.00, 0.21
HSL	247°, 48%, 60%
HSV	247°, 49%, 79%
XYZ	22.3295, 17.4935, 57.4305
YIQ	117.4610, -24.9020, 32.8100

Conversions

Conversions Part 2

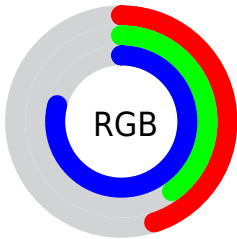
Format	Color
RYB	114, 103, 201
Decimal	7497673
CIELab	48.88, 28.88, -49.74
CIELCh	49, 57.516, 300.143
Yxy	17.4935, 0.2296, 0.1799
Android (android.graphics.Color)	4285687753 (0xFF7267C9)
YUV	117.4610, 41.1847, -3.0353
Hunter-Lab	41.8252, 22.1029, -52.1340

Details

The YIQ color **117.4610, -24.9020, 32.8100** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **186.5390, 24.9020, -32.8100**, and the grayscale version is **117.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **170.2980, -22.8850, 34.8030**, and **66.8580, -27.6980, 28.4140** is the 20% darker color. If you saturate the color by 10%, you get **100.3390, -30.1300, 39.4540**, and if you desaturate by 10%, it is **134.5830, -19.6740, 26.1660**.

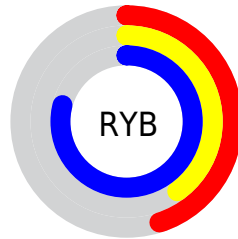
Distribution



Red (45%)

Green (40%)

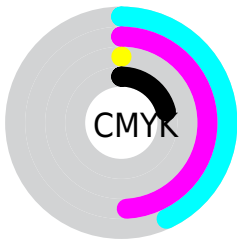
Blue (79%)



Red (45%)

Yellow (40%)

Blue (79%)

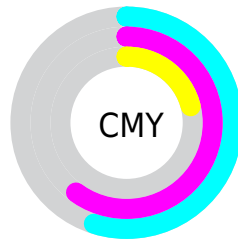


Cyan (43%)

Magenta (49%)

Yellow (0%)

Black (21%)



Cyan (55%)

Magenta (60%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 117.4610, -24.9020, 32.8100 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 117.4610, -24.9020, 32.8100 by changing the saturation by 10% instead.

■ 117.4610,
-24.9020, 32.8100

■ 117.4610,
-24.9020, 32.8100

■ 255.0000, -0.0000,
-0.0000

■ 91.8090, -26.0020,
30.7180

■ 170.2980,
-22.8850, 34.8030

■ 66.8580, -27.6980,
28.4140

■ 194.8180,
-13.0260, 26.8300

■ 41.4120, -32.3740,
25.0500

■ 219.9250, -3.4420,
18.3340

■ 19.0480, -34.3450,
22.2230

■ 244.4340, 4.9500,
9.4140

■ 7.9800, -22.4700,
21.7700

■ 7.7060, -16.1870,
12.5250

■ 3.4370, -8.3000,

7.2520

■ 0.0000, 0.0000,
0.0000

■ 117.4610,
-24.9020, 32.8100

■ 117.4610,
-24.9020, 32.8100

■ 100.3390,
-30.1300, 39.4540

■ 134.5830,
-19.6740, 26.1660

■ 83.2170, -35.3580,
46.0980

■ 151.7050,
-14.4460, 19.5220

■ 66.3940, -39.9900,
52.9540

■ 168.8270, -9.2180,
12.8780

■ 49.2720, -45.2180,
59.5980

■ 185.6500, -4.5860,
6.0220

■ 32.1500, -50.4460,
66.2420

■ 202.7720, 0.6420,
-0.6220

■ 29.7910, -50.8130,
67.3870

■ 220.4810, 5.5950,
-7.7890

■ 237.6030, 10.8230,
-14.4330

■ 248.8440, 17.3340,
-16.7940

Harmonies

Analogous

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



96.0100, -102.2440, 2.7480



117.4610, -24.9020, 32.8100



117.7960, 28.7390, 46.3630

Triad

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



117.4610, -24.9020, 32.8100



111.4670, 70.1040, -3.9760



94.1160, -74.8650, -36.4090

Complementary

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



117.4610, -24.9020, 32.8100



186.5390, 24.9020, -32.8100

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.



86.6550, -57.9900, -50.3900



117.4610, -24.9020, 32.8100



108.4790, 51.4940, -30.1540

Square

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



117.4610, -24.9020, 32.8100



110.9190, 75.7840, 25.2560



103.3970, 13.2580, -42.0540



99.7020, -90.5940, -21.1700

Rectangle

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



117.4610, -24.9020, 32.8100



113.4970, 54.5060, 47.4500



103.3970, 13.2580, -42.0540



92.1780, -69.4080, -41.6960

Sweetspot

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



117.4610, -24.9020, 32.8100



222.5280, -9.8140, 12.6660



165.8280, -55.6580, -15.5460



108.2200, -6.1910, 7.5770



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



117.4610, -24.9020, 32.8100



128.9550, -37.3760, 49.6320



131.8130, 3.7060, 42.9860



91.3250, -2.2930, 3.0110



23.9640, -41.5950, 54.5090



5.3000, -9.1720, 12.0440

Inverse Universe

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



142.2200, 30.4810, 47.8330



166.1860, 46.1570, 72.1170



172.1870, -3.7060, -42.9860



93.6030, 2.7960, 4.3960



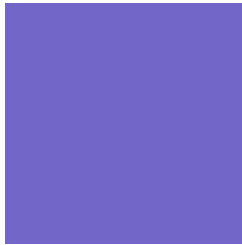
65.2670, 50.6030, 79.6510



14.4120, 11.1840, 17.5840

Previews

White Background



This preview shows how the YIQ color 117.4610, -24.9020, 32.8100 looks on a white background.

Color Contrast Check

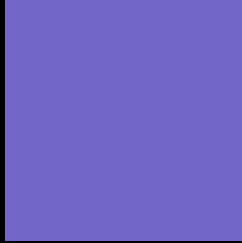
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.4610, -24.9020, 32.8100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

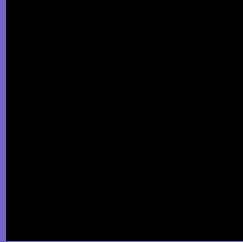
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 117.4610, -24.9020, 32.8100

Background



This preview shows how black text looks on a background with the YIQ color 117.4610, -24.9020, 32.8100.



This preview shows how white text looks on a background with the YIQ color 117.4610, -24.9020,

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

117.4610, -24.9020, 32.8100

Protanopia

110.7170, -58.2780, 20.9380

Deuteranopia

107.9950, -62.3570, 12.2590



Tritanopia

113.9640, -17.5140, -1.9780

Trichromacy



Original Color

117.4610, -24.9020, 32.8100

Protanomaly

112.9960, -45.7620, 25.3900

Deuteranomaly

111.4530, -48.7870, 19.6370

Tritanomaly

115.4990, -20.0380, 10.7300

Monochromacy



Original Color

117.4610, -24.9020, 32.8100

Achromatopsia

117.0000, -0.0000, 0.0000

Achromatomaly

117.3000, -9.1720, 12.0440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 117.4610, -24.9020, 32.8100 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(114, 103, 201)` looks like.

```
.text, #text, p{  
    color:rgb(114, 103, 201)  
}
```

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(114, 103, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 103, 201) }
```

Border

The CSS property to change the border of an element to YIQ 117.4610, -24.9020, 32.8100 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(114, 103, 201) }
```


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

```
.border{ border-color:rgb(114, 103, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 103, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 103, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 103, 201);  
box-shadow:4px 4px 4px 4px rgb(114, 103,  
201) }
```

Background

The CSS property to change the background color of an element to YIQ 117.4610, -24.9020, 32.8100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 103, 201) }
```

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

```
.background{ background-color: rgb(114,  
103, 201) }
```

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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