

Converting Colors

YIQ(59.4730, -32.0620, 74.4820)

Have a look what the booklet for
YIQ(59.4730, -32.0620, 74.4820)
contains.

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Color

**YIQ(59.4730, -32.0620,
74.4820)**

Conversions

Conversions Part 1

Format	Color
Hex	4B14DE
RGB	75, 20, 222
RGB Percent	29%, 8%, 87%
CMY	0.7056, 0.9217, 0.1297
CMYK	0.66, 0.91, 0.00, 0.13
HSL	256°, 83%, 47%
HSV	256°, 91%, 87%
XYZ	16.3316, 7.2681, 69.5985
YIQ	59.4730, -32.0620, 74.4820

Conversions

Conversions Part 2

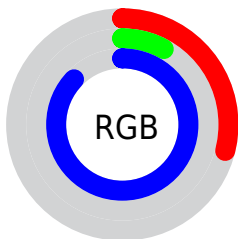
Format	Color
R_{YB}	75, 20, 222
Decimal	4920542
CIE _{Lab}	32.41, 69.31, -88.82
CIE _{LCh}	32, 112.662, 307.967
Yxy	7.2681, 0.1752, 0.0780
Android (android.graphics.Color)	4283110622 (0xFF4B14DE)
YUV	59.4730, 80.1258, 13.6172
Hunter-Lab	26.9593, 60.9544, -134.1922

Details

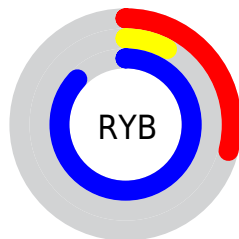
The YIQ color **59.4730, -32.0620, 74.4820** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **182.5270, 32.0620, -74.4820**, and the grayscale version is **59.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **118.2000, -18.3520, 68.3040**, and **18.8100, -52.9650, 51.3150** is the 20% darker color. If you saturate the color by 10%, you get **43.5470, -34.9060, 81.9740**, and if you desaturate by 10%, it is **77.1710, -28.5760, 66.3680**.

Distribution



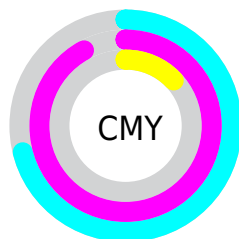
- Red (29%)
- Green (8%)
- Blue (87%)



- Red (29%)
- Yellow (8%)
- Blue (87%)



- Cyan (66%)
- Magenta (91%)
- Yellow (0%)
- Black (13%)



- Cyan (71%)
- Magenta (92%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 59.4730, -32.0620, 74.4820 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 59.4730, -32.0620, 74.4820 by changing the saturation by 10% instead.

■ 59.4730, -32.0620,
74.4820

■ 59.4730, -32.0620,
74.4820

■ 255.0000, -0.0000,
-0.0000

■ 29.7760, -46.4570,
65.5350

■ 118.2000,
-18.3520, 68.3040

■ 18.8100, -52.9650,
51.3150

■ 143.6170, -6.7050,
60.9670

■ 15.7320, -44.2980,
42.9180

■ 169.3220, 4.0710,
52.8950

■ 12.6540, -35.6310,
34.5210

■ 194.4400, 15.1220,
45.3460

■ 16.7340, -30.5850,
20.1590

■ 216.2580, 18.1500,
34.5180

■ 10.4760, -21.2310,
15.8330


■ 233.2810, 10.1750,


■ 6.0930, -13.0230,


19.3510


10.2490


 250.3040, 2.2000,
4.1840


 2.4110, -5.4110,
4.4530


 0.0000, 0.0000,
0.0000


 59.4730, -32.0620,
74.4820


 59.4730, -32.0620,
74.4820

 43.5470, -34.9060,
81.9740

 77.1710, -28.5760,
66.3680

 94.8690, -25.0900,
58.2540

 113.1540,
-21.8790, 49.6170

 131.1510,
-17.7970, 41.7150

■ 148.8490,
-14.3110, 33.6010

■ 166.5470,
-10.8250, 25.4870

■ 184.2450, -7.3390,
17.3730

■ 202.5300, -4.1280,
8.7360

■ 220.2280, -0.6420,
0.6220

Harmonies

Analogous

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



80.1390, -105.7800, 33.8040



59.4730, -32.0620, 74.4820



73.0410, 66.0990, 85.1630

Triad

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



59.4730, -32.0620, 74.4820



65.9490, 75.0990, 10.1310



71.7470, -60.1040, -23.0800

Complementary

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



59.4730, -32.0620, 74.4820



182.5270, 32.0620, -74.4820

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.



58.7000, -27.5000, -52.3000



59.4730, -32.0620, 74.4820



69.6620, 20.3620, -27.6220

Square

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



59.4730, -32.0620, 74.4820



58.0060, 115.6240, 41.1280



56.3520, -26.4000, -50.2080



83.5400, -89.1770, 2.7190

Rectangle

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



59.4730, -32.0620, 74.4820



73.3060, 98.4250, 72.0010



56.3520, -26.4000, -50.2080



67.6260, -49.8780, -32.1980

Sweetspot

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



59.4730, -32.0620, 74.4820



199.5470, -10.8250, 25.4870



129.9040, -105.5420, -14.5820



94.9630, -6.6050, 15.0830



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.



59.4730, -32.0620, 74.4820



50.0000, -40.1350, 94.1450



89.3730, 27.5380, 95.6820



103.1510, -1.7430, 4.0570



34.4160, -27.8880, 64.9120



9.3590, -7.6600, 17.6840

Inverse Universe

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



97.1560, 73.2050, 88.5410



97.3350, 92.5950, 111.5950



152.6270, -27.5380, -95.6820



105.2010, 3.9880, 4.8200



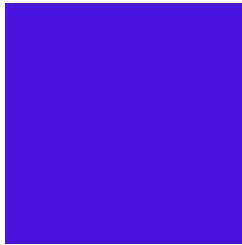
67.2160, 63.8080, 77.1200



18.3420, 17.3730, 21.0610

Previews

White Background



This preview shows how the YIQ color 59.4730, -32.0620, 74.4820 looks on a white background.

Color Contrast Check

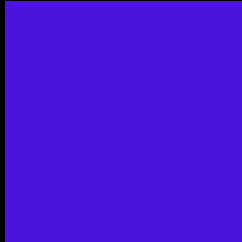
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YIQ color 59.4730, -32.0620, 74.4820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

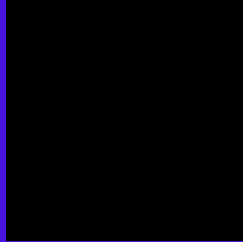
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 59.4730, -32.0620, 74.4820

Background



This preview shows how black text looks on a background with the YIQ color 59.4730, -32.0620, 74.4820.



This preview shows how white text looks on a background with the YIQ color 59.4730, -32.0620,

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

59.4730, -32.0620, 74.4820

Protanopia

61.1080, -70.1050, 9.5030

Deuteranopia

61.4210, -64.0970, -0.2650



Tritanopia

60.2690, -52.5860, -16.1540

Trichromacy



Original Color

59.4730, -32.0620, 74.4820

Protanomaly

60.1770, -56.2170, 33.1510

Deuteranomaly

60.9290, -52.8230, 26.7050

Tritanomaly

59.7260, -45.3020, 17.0500

Monochromacy



Original Color

59.4730, -32.0620, 74.4820

Achromatopsia

59.0000, 0.0000, -0.0000

Achromatomaly

59.3020, -11.5130, 26.9430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 59.4730, -32.0620, 74.4820 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(75, 20, 222)` looks like.

```
.text, #text, p{  
    color:rgb(75, 20, 222)  
}
```

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(75, 20, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 20, 222) }
```

Border

The CSS property to change the border of an element to YIQ 59.4730, -32.0620, 74.4820 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(75, 20, 222) }
```


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

```
.border{ border-color:rgb(75, 20, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 20, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 20, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 20, 222);  
box-shadow:4px 4px 4px 4px rgb(75, 20,  
222) }
```

Background

The CSS property to change the background color of an element to YIQ 59.4730, -32.0620, 74.4820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 20, 222) }
```

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

```
.background{ background-color: rgb(75, 20,  
222) }
```

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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