

Converting Colors

YIQ(74.3780, -24.7250, 68.1630)

Have a look what the booklet for
YIQ(74.3780, -24.7250, 68.1630)
contains.

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Color

**YIQ(74.3780, -24.7250,
68.1630)**

Conversions

Conversions Part 1

Format	Color
Hex	5D25DA
RGB	93, 37, 218
RGB Percent	36%, 15%, 85%
CMY	0.6350, 0.8550, 0.1453
CMYK	0.57, 0.83, 0.00, 0.15
HSL	259°, 71%, 50%
HSV	259°, 83%, 85%
XYZ	17.8283, 8.7109, 67.0297
YIQ	74.3780, -24.7250, 68.1630

Conversions

Conversions Part 2

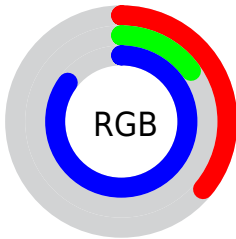
Format	Color
R_{YB}	93, 37, 218
Decimal	6104538
CIE _{Lab}	35.42, 64.57, -81.48
CIE _{LCh}	35, 103.963, 308.396
Yxy	8.7109, 0.1905, 0.0931
Android (android.graphics.Color)	4284294618 (0xFF5D25DA)
YUV	74.3780, 70.8056, 16.3315
Hunter-Lab	29.5142, 56.1746, -113.9933

Details

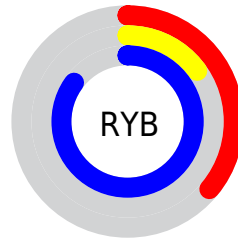
The YIQ color **74.3780, -24.7250, 68.1630** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **180.6220, 24.7250, -68.1630**, and the grayscale version is **74.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **129.1310, -13.9040, 64.7840**, and **18.3540, -51.6810, 50.0710** is the 20% darker color. If you saturate the color by 10%, you get **56.9790, -27.6150, 76.4890**, and if you desaturate by 10%, it is **91.7770, -21.8350, 59.8370**.

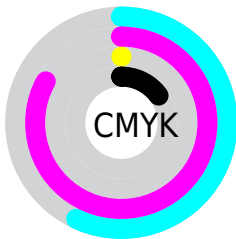
Distribution



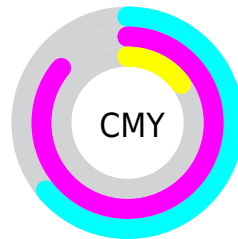
- Red (36%)
- Green (15%)
- Blue (85%)



- Red (36%)
- Yellow (15%)
- Blue (85%)



- Cyan (57%)
- Magenta (83%)
- Yellow (0%)
- Black (15%)



- Cyan (64%)
- Magenta (86%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 74.3780, -24.7250, 68.1630 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 74.3780, -24.7250, 68.1630 by changing the saturation by 10% instead.

■ 74.3780, -24.7250,
68.1630

■ 74.3780, -24.7250,
68.1630

■ 255.0000, -0.0000,
-0.0000

■ 38.5890, -26.6970,
70.8630

■ 129.1310,
-13.9040, 64.7840

■ 18.3540, -51.6810,
50.0710

■ 154.2490, -2.8530,
57.2350

■ 15.2760, -43.0140,
41.6740

■ 179.0680, 7.6020,
49.4740

■ 12.3120, -34.6680,
33.5880

■ 204.7730, 18.3780,
41.4020

■ 15.2180, -29.0720,
20.2720

■ 223.3020, 14.8500,
28.2420

■ 10.1340, -20.2680,
14.9000

■ 240.3250, 6.8750,

■ 5.2780, -12.1060,

13.0750

10.1500

■ 1.2540, -3.5310,
3.4210

■ 0.0000, 0.0000,
0.0000

■ 74.3780, -24.7250,
68.1630

■ 74.3780, -24.7250,
68.1630

■ 56.9790, -27.6150,
76.4890

■ 91.7770, -21.8350,
59.8370

■ 45.1840, -29.4500,
82.2140

■ 109.1760,
-18.9450, 51.5110

■ 125.9880,
-15.7800, 43.7080

■ 143.3870,
-12.8900, 35.3820

■ 160.7860,
-10.0000, 27.0560

■ 178.1850, -7.1100,
18.7300

■ 195.5840, -4.2200,
10.4040

■ 212.3960, -1.0550,
2.6010

■ 229.7950, 1.8350,
-5.7250

Harmonies

Analogous

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



82.4870, -106.8800, 31.7120



74.3780, -24.7250, 68.1630



73.8670, 66.6490, 86.2090

Triad

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



74.3780, -24.7250, 68.1630



75.0750, 74.5040, 4.3920



76.6540, -64.2760, -24.5640

Complementary

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



74.3780, -24.7250, 68.1630



180.6220, 24.7250, -68.1630

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.



63.9660, -31.3050, -54.9290



74.3780, -24.7250, 68.1630



75.8750, 24.0760, -28.8520

Square

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



74.3780, -24.7250, 68.1630



58.6040, 116.8160, 41.5520



60.4610, -28.3250, -53.8690



87.1760, -91.1480, -0.1080

Rectangle

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



74.3780, -24.7250, 68.1630



74.1750, 97.4160, 73.7680



60.4610, -28.3250, -53.8690



73.3480, -54.9670, -33.5830

Sweetspot

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



74.3780, -24.7250, 68.1630



204.2760, -8.6240, 24.1440



132.1830, -93.0260, -10.1300



97.0340, -5.3670, 14.6730



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.



74.3780, -24.7250, 68.1630



52.6910, -34.7710, 96.0530



100.9890, 28.3190, 87.0310



101.1510, -1.7430, 4.0570



35.8680, -23.3490, 65.2510



9.4300, -6.4220, 17.2740

Inverse Universe

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



105.3690, 67.7510, 77.2470



96.3090, 95.4840, 108.7960



154.0110, -28.3190, -87.0310



103.0870, 4.3090, 4.5090



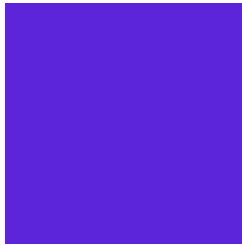
65.4070, 64.5880, 73.9960



17.4020, 17.1440, 19.7040

Previews

White Background



This preview shows how the YIQ color 74.3780, -24.7250, 68.1630 looks on a white background.

Color Contrast Check

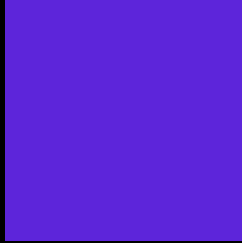
Large Text (above 18pt) WCAG AA ✓ Pass

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 74.3780, -24.7250, 68.1630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

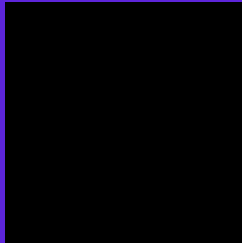
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 74.3780, -24.7250, 68.1630

Background



This preview shows how black text looks on a background with the YIQ color 74.3780, -24.7250, 68.1630.



This preview shows how white text looks on a background with the YIQ color 74.3780, -24.7250,

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

74.3780, -24.7250, 68.1630

Protanopia

66.2260, -76.2490, 10.7190

Deuteranopia

66.8980, -69.8740, -0.1940



Tritanopia

77.6420, -28.4710, -7.1510

Trichromacy



Original Color

74.3780, -24.7250, 68.1630

Protanomaly

69.0520, -57.3630, 31.8930

Deuteranomaly

69.5760, -53.3270, 24.8250

Tritanomaly

76.5880, -27.2380, 20.0740

Monochromacy



Original Color

74.3780, -24.7250, 68.1630

Achromatopsia

74.0000, -0.0000, 0.0000

Achromatomaly

74.3900, -8.9450, 24.4550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 74.3780, -24.7250, 68.1630 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(93, 37, 218)` looks like.

```
.text, #text, p{  
    color:rgb(93, 37, 218)  
}
```

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(93, 37, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 37, 218) }
```

Border

The CSS property to change the border of an element to YIQ 74.3780, -24.7250, 68.1630 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(93, 37, 218) }
```


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

```
.border{ border-color:rgb(93, 37, 218) }
```

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

Here you see how a box with a 4 pixel rgb(93, 37, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 37, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 37, 218);  
box-shadow:4px 4px 4px 4px rgb(93, 37,  
218) }
```

Background

The CSS property to change the background color of an element to YIQ 74.3780, -24.7250, 68.1630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 37, 218) }
```

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

```
.background{ background-color: rgb(93, 37,  
218) }
```

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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