

Converting Colors

YIQ(74.0950, -13.0820, 82.9340)

Have a look what the booklet for
YIQ(74.0950, -13.0820, 82.9340)
contains.

YIQ(74.0950, -13.0820, 82.9340)	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(74.0950, -13.0820,
82.9340)**

Conversions

Conversions Part 1

Format	Color
Hex	7118E6
RGB	113, 24, 230
RGB Percent	44%, 9%, 90%
CMY	0.5565, 0.9060, 0.0982
CMYK	0.51, 0.90, 0.00, 0.10
HSL	266°, 81%, 50%
HSV	266°, 90%, 90%
XYZ	21.4224, 9.8784, 75.6008
YIQ	74.0950, -13.0820, 82.9340

Conversions

Conversions Part 2

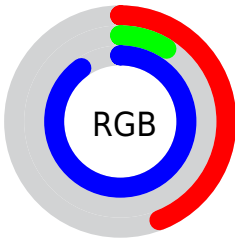
Format	Color
R _Y B	113, 24, 230
Decimal	7411942
CIE Lab	37.62, 73.15, -84.65
CIE LCh	38, 111.875, 310.833
Yxy	9.8784, 0.2004, 0.0924
Android (android.graphics.Color)	4285602022 (0xFF7118E6)
YUV	74.0950, 76.8612, 34.1197
Hunter-Lab	31.4298, 66.6625, -120.6143

Details

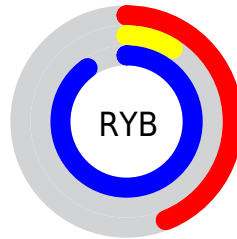
The YIQ color **74.0950, -13.0820, 82.9340** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **179.9050, 13.0820, -82.9340**, and the grayscale version is **73.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **132.4640, -1.4800, 70.9040**, and **31.6820, -31.6930, 62.2830** is the 20% darker color. If you saturate the color by 10%, you get **56.7070, -14.5050, 92.2070**, and if you desaturate by 10%, it is **91.4830, -11.6590, 73.6610**.

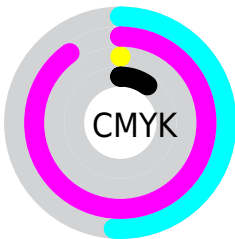
Distribution



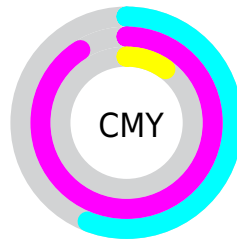
- Red (44%)
- Green (9%)
- Blue (90%)



- Red (44%)
- Yellow (9%)
- Blue (90%)



- Cyan (51%)
- Magenta (90%)
- Yellow (0%)
- Black (10%)





- Cyan (56%)
- Magenta (91%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 74.0950, -13.0820, 82.9340 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 74.0950, -13.0820, 82.9340 by changing the saturation by 10% instead.


 74.0950, -13.0820,
82.9340

 74.0950, -13.0820,
82.9340


255.0000, -0.0000,
-0.0000


 46.8340, -16.8410,
79.4710


 132.4640, -1.4800,
70.9040


 31.6820, -31.6930,
62.2830


 157.5820, 9.5710,
63.3550


 16.5300, -46.5450,
45.0950


 183.2870, 20.3470,
55.2830

 13.5660, -38.1990,
37.0090

 205.6920, 23.1000,
43.9320

 10.6020, -29.8530,
28.9230

 222.1280, 15.4000,
29.2880

 11.8610, -23.7530,
17.4870

 239.7380, 7.1500,

 6.8910, -15.2700,

13.5980

12.4260

■ 3.2090, -7.6580,
6.6300

■ 0.0000, 0.0000,
0.0000

■ 74.0950, -13.0820,
82.9340

■ 74.0950, -13.0820,
82.9340

■ 56.7070, -14.5050,
92.2070

■ 91.4830, -11.6590,
73.6610

■ 56.1200, -14.2300,
92.7300

■ 108.8710,
-10.2360, 64.3880

■ 126.2590, -8.8130,
55.1150

■ 143.6470, -7.3900,
45.8420

■ 161.0350, -5.9670,
36.5690

■ 178.4230, -4.5440,
27.2960

■ 195.8110, -3.1210,
18.0230

■ 213.1990, -1.6980,
8.7500

■ 230.5870, -0.2750,
-0.5230

Harmonies

Analogous

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



84.8350, -107.9800, 29.6200



74.0950, -13.0820, 82.9340



79.8900, 77.0100, 91.1700

Triad

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



74.0950, -13.0820, 82.9340



80.6790, 75.5590, 1.7910



83.0600, -71.2910, -24.0830

Complementary

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



74.0950, -13.0820, 82.9340



179.9050, 13.0820, -82.9340

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.



69.4430, -37.0820, -54.8580



74.0950, -13.0820, 82.9340



79.6740, 20.0880, -33.6720

Square

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



74.0950, -13.0820, 82.9340



61.8930, 123.3720, 43.8840



64.5700, -30.2500, -57.5300



94.2660, -100.0890, 2.2390

Rectangle

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



74.0950, -13.0820, 82.9340



79.1440, 107.8690, 77.0610



64.5700, -30.2500, -57.5300



78.8250, -60.7440, -33.5120

Sweetspot

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



74.0950, -13.0820, 82.9340



202.8360, -4.2690, 27.8190



117.9240, -99.1260, 1.3060



96.7570, -3.0290, 16.3550



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.



74.0950, -13.0820, 82.9340



61.9600, -16.2950, 102.6250



103.9950, 46.5180, 104.1340



105.8630, -0.8720, 4.7920



43.4290, -11.5670, 71.9930



12.3920, -3.2590, 20.5250

Inverse Universe

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



98.9320, 85.2190, 80.0590



92.7750, 105.4350, 99.1550



150.0050, -46.5180, -104.1340



107.3860, 4.9050, 4.7210



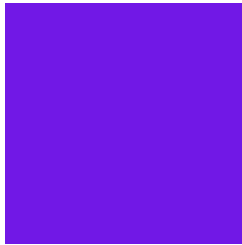
65.0350, 74.2630, 69.3590



18.5550, 21.0870, 19.8310

Previews

White Background



This preview shows how the YIQ color 74.0950, -13.0820, 82.9340 looks on a white background.

Color Contrast Check

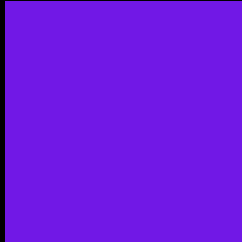
Large Text (above 18pt) WCAG AA ✓ Pass

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 74.0950, -13.0820, 82.9340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

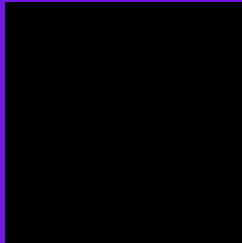
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 74.0950, -13.0820, 82.9340

Background



This preview shows how black text looks on a background with the YIQ color 74.0950, -13.0820, 82.9340.



This preview shows how white text looks on a background with the YIQ color 74.0950, -13.0820,

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

74.0950, -13.0820, 82.9340

Protanopia

71.0020, -81.4300, 11.0020

Deuteranopia

71.5600, -74.7340, -0.2220



Tritanopia

87.1280, -12.1040, -0.9040

Trichromacy



Original Color

74.0950, -13.0820, 82.9340

Protanomaly

71.8120, -56.4470, 37.3210

Deuteranomaly

72.3360, -52.4110, 30.2530

Tritanomaly

82.6980, -12.5680, 29.5440

Monochromacy



Original Color

74.0950, -13.0820, 82.9340

Achromatopsia

74.0000, -0.0000, 0.0000

Achromatomaly

74.1180, -5.0030, 30.1090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 74.0950, -13.0820, 82.9340 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(113, 24, 230)` looks like.

```
.text, #text, p{  
    color:rgb(113, 24, 230)  
}
```

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(113, 24, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 24, 230) }
```

Border

The CSS property to change the border of an element to YIQ 74.0950, -13.0820, 82.9340 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(113, 24, 230) }
```


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

```
.border{ border-color:rgb(113, 24, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 24, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 24, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 24, 230);  
box-shadow:4px 4px 4px 4px rgb(113, 24,  
230) }
```

Background

The CSS property to change the background color of an element to YIQ 74.0950, -13.0820, 82.9340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 24, 230) }
```

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

```
.background{ background-color: rgb(113, 24,  
230) }
```

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