

Converting Colors

YIQ(74.8490, 5.1660, 82.6220)

Have a look what the booklet for
YIQ(74.8490, 5.1660, 82.6220)
contains.

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Color

**YIQ(74.8490, 5.1660,
82.6220)**

Conversions

Conversions Part 1

Format	Color
Hex	8314D2
RGB	131, 20, 210
RGB Percent	51%, 8%, 82%
CMY	0.4859, 0.9217, 0.1766
CMYK	0.38, 0.90, 0.00, 0.18
HSL	275°, 83%, 45%
HSV	275°, 90%, 82%
XYZ	21.2534, 9.9833, 61.7585
YIQ	74.8490, 5.1660, 82.6220

Conversions

Conversions Part 2

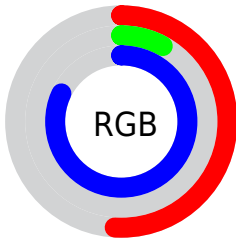
Format	Color
R_{YB}	131, 20, 210
Decimal	8590546
CIE _{Lab}	37.81, 71.53, -72.77
CIE _{LCh}	38, 102.044, 314.507
Yxy	9.9833, 0.2285, 0.1074
Android (android.graphics.Color)	4286780626 (0xFF8314D2)
YUV	74.8490, 66.6294, 49.2444
Hunter-Lab	31.5964, 64.7748, -93.7712

Details

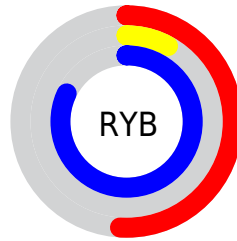
The YIQ color **74.8490, 5.1660, 82.6220** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **155.1510, -5.1660, -82.6220**, and the grayscale version is **74.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **136.6610, 8.3310, 74.8190**, and **38.4860, -7.7140, 62.7340** is the 20% darker color. If you saturate the color by 10%, you get **60.7170, 5.8980, 91.3860**, and if you desaturate by 10%, it is **89.8670, 4.7550, 73.5470**.

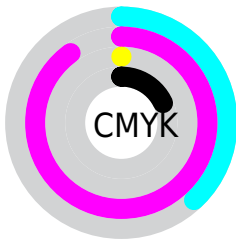
Distribution



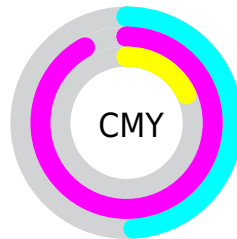
- Red (51%)
- Green (8%)
- Blue (82%)



- Red (51%)
- Yellow (8%)
- Blue (82%)



- Cyan (38%)
- Magenta (90%)
- Yellow (0%)
- Black (18%)



- Cyan (49%)
- Magenta (92%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 74.8490, 5.1660, 82.6220 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 74.8490, 5.1660, 82.6220 by changing the saturation by 10% instead.

74.8490, 5.1660,
82.6220

74.8490, 5.1660,
82.6220

255.0000, -0.0000,
-0.0000

50.9470, 1.7740,
78.0140

136.6610, 8.3310,
74.8190

38.4860, -7.7140,
62.7340

162.0670, 18.5110,
66.5350

24.9430, -19.9070,
46.9170

187.4730, 28.6910,
58.2510

11.5140, -32.4210,
31.4110

205.6920, 23.1000,
43.9320

8.6640, -24.3960,
23.6360

222.1280, 15.4000,
29.2880

8.2760, -17.7920,
14.0800

239.7380, 7.1500,

4.5940, -10.1800,

13.5980

8.2840

■ 0.0000, 0.0000,
0.0000

■ 74.8490, 5.1660,
82.6220

■ 74.8490, 5.1660,
82.6220

■ 60.7170, 5.8980,
91.3860

■ 89.8670, 4.7550,
73.5470

■ 104.8850, 4.3440,
64.4720

■ 119.6040, 3.3370,
55.1850

■ 134.6220, 2.9260,
46.1100

■ 149.6400, 2.5150,
37.0350

■ 164.3590, 1.5080,
27.7480

■ 179.3770, 1.0970,
18.6730

■ 194.3950, 0.6860,
9.5980

■ 209.4130, 0.2750,
0.5230

Harmonies

Analogous

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



81.9000, -106.6050, 32.2350



74.8490, 5.1660, 82.6220



76.9840, 79.4410, 85.6570

Triad

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



74.8490, 5.1660, 82.6220



83.2600, 66.2530, -5.7710



83.3850, -73.5840, -21.0720

Complementary

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



74.8490, 5.1660, 82.6220



155.1510, -5.1660, -82.6220

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.



72.0650, -44.4650, -47.7050



74.8490, 5.1660, 82.6220



78.7550, 15.3660, -36.2020

Square

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



74.8490, 5.1660, 82.6220



58.3050, 116.2200, 41.3400



64.5700, -30.2500, -57.5300



92.7500, -98.5760, 2.3520

Rectangle

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



74.8490, 5.1660, 82.6220



75.3130, 105.7150, 72.0430



64.5700, -30.2500, -57.5300



80.0790, -64.2750, -30.0910

Sweetspot

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



74.8490, 5.1660, 82.6220



205.8260, 1.6910, 29.9390



88.0330, -82.7150, 17.7730



98.8500, 1.1430, 17.8390



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.



74.8490, 5.1660, 82.6220



73.6210, 6.9490, 110.8930



96.6460, 57.3860, 94.3940



97.0480, 0.0450, 4.6930



48.4540, 4.4800, 73.0240



11.8500, 1.1430, 17.8390

Inverse Universe

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



85.8160, 87.8810, 64.8490



88.3290, 117.9540, 87.0260



133.3540, -57.3860, -94.3940



97.7450, 5.2720, 3.5760



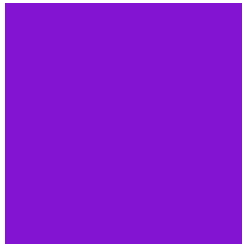
58.2120, 77.6580, 57.3860



14.1970, 18.9790, 13.9790

Previews

White Background



This preview shows how the YIQ color 74.8490, 5.1660, 82.6220 looks on a white background.

Color Contrast Check

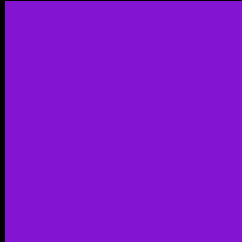
Large Text (above 18pt) WCAG AA ✓ Pass

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 74.8490, 5.1660, 82.6220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

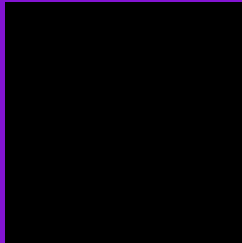
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 74.8490, 5.1660, 82.6220

Background



This preview shows how black text looks on a background with the YIQ color 74.8490, 5.1660, 82.6220.



This preview shows how white text looks on a background with the YIQ color 74.8490, 5.1660,

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

74.8490, 5.1660, 82.6220

Protanopia

71.9310, -82.6680, 11.4120

Deuteranopia

72.0160, -76.0180, 1.0220



Tritanopia

90.9740, 12.0570, 7.2650

Trichromacy



Original Color

74.8490, 5.1660, 82.6220

Protanomaly

73.3350, -50.6700, 37.2500

Deuteranomaly

73.2720, -46.3590, 30.7050

Tritanomaly

85.1800, 9.6220, 34.8860

Monochromacy



Original Color

74.8490, 5.1660, 82.6220

Achromatopsia

75.0000, -0.0000, -0.0000

Achromatomaly

74.8260, 1.6910, 29.9390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 74.8490, 5.1660, 82.6220 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(131, 20, 210)` looks like.

```
.text, #text, p{  
    color:rgb(131, 20, 210)  
}
```

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(131, 20, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 20, 210) }
```

Border

The CSS property to change the border of an element to YIQ 74.8490, 5.1660, 82.6220 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(131, 20, 210) }
```


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

```
.border{ border-color:rgb(131, 20, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 20, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 20, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 20, 210);  
box-shadow:4px 4px 4px 4px rgb(131, 20,  
210) }
```

Background

The CSS property to change the background color of an element to YIQ 74.8490, 5.1660, 82.6220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 20, 210) }
```

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

```
.background{ background-color: rgb(131, 20,  
210) }
```

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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