

Converting Colors

YIQ(74.0260, 17.7290, 80.7130)

Have a look what the booklet for
YIQ(74.0260, 17.7290, 80.7130)
contains.

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Color

**YIQ(74.0260, 17.7290,
80.7130)**

Conversions

Conversions Part 1

Format	Color
Hex	8D11C0
RGB	141, 17, 192
RGB Percent	55%, 7%, 75%
CMY	0.4466, 0.9335, 0.2471
CMYK	0.27, 0.91, 0.00, 0.25
HSL	283°, 84%, 41%
HSV	283°, 91%, 75%
XYZ	20.7143, 9.8761, 50.6740
YIQ	74.0260, 17.7290, 80.7130

Conversions

Conversions Part 2

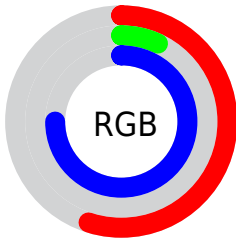
Format	Color
R_{YB}	141, 17, 192
Decimal	9245120
CIE _{Lab}	37.62, 69.78, -62.54
CIE _{LCh}	38, 93.705, 318.129
Yxy	9.8761, 0.2549, 0.1215
Android (android.graphics.Color)	4287435200 (0xFF8D11C0)
YUV	74.0260, 58.1612, 58.7362
Hunter-Lab	31.4262, 62.6604, -73.6053

Details

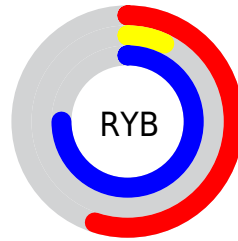
The YIQ color **74.0260, 17.7290, 80.7130** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **134.9740, -17.7290, -80.7130**, and the grayscale version is **73.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **137.7820, 15.3000, 75.1720**, and **40.4350, 5.4910, 60.2030** is the 20% darker color. If you saturate the color by 10%, you get **62.5520, 19.4240, 88.5440**, and if you desaturate by 10%, it is **86.9730, 16.0800, 72.0480**.

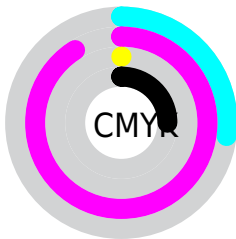
Distribution



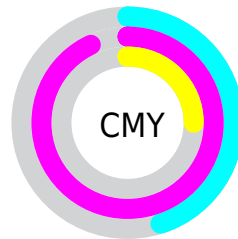
- Red (55%)
- Green (7%)
- Blue (75%)



- Red (55%)
- Yellow (7%)
- Blue (75%)



- Cyan (27%)
- Magenta (91%)
- Yellow (0%)
- Black (25%)



- Cyan (45%)
- Magenta (93%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 74.0260, 17.7290, 80.7130 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 74.0260, 17.7290, 80.7130 by changing the saturation by 10% instead.

74.0260, 17.7290,
80.7130

74.0260, 17.7290,
80.7130

255.0000, -0.0000,
-0.0000

52.1840, 14.1080,
74.7480

138.0810, 15.8960,
75.3840

40.7340, 6.0870,
60.4150

163.8720, 23.5540,
68.7540

28.8000, -3.4470,
45.9690

188.0820, 31.3500,
59.6220

16.9800, -13.3020,
31.8340

205.1050, 23.3750,
44.4550

6.9540, -19.5810,
18.9710

222.1280, 15.4000,
29.2880

6.0930, -13.0230,
10.2490

239.1510, 7.4250,

2.2970, -5.0900,

14.1210

4.1420

■ 0.0000, 0.0000,
0.0000

■ 74.0260, 17.7290,
80.7130

■ 74.0260, 17.7290,
80.7130

■ 62.5520, 19.4240,
88.5440

■ 86.9730, 16.0800,
72.0480

■ 99.6210, 13.8350,
63.1710

■ 113.1550, 11.9110,
53.9830

■ 125.8030, 9.6660,
45.1060

■ 138.7500, 8.0170,
36.4410

■ 151.6970, 6.3680,
27.7760

■ 164.3450, 4.1230,
18.8990

■ 177.8790, 2.1990,
9.7110

■ 190.5270, -0.0460,
0.8340

Harmonies

Analogous

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



76.3260, -99.1770, 29.7750



74.0260, 17.7290, 80.7130



74.0070, 80.6340, 80.5540

Triad

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



74.0260, 17.7290, 80.7130



83.7920, 58.6430, -11.0290



83.3680, -74.9140, -18.9940

Complementary

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



74.0260, 17.7290, 80.7130



134.9740, -17.7290, -80.7130

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.



73.0740, -48.6840, -42.8280



74.0260, 17.7290, 80.7130



77.2490, 10.9190, -38.2090

Square

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



74.0260, 17.7290, 80.7130



54.7170, 109.0680, 38.7960



63.9830, -29.9750, -57.0070



91.2340, -97.0630, 2.4650

Rectangle

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



74.0260, 17.7290, 80.7130



71.2970, 102.6440, 67.1240



63.9830, -29.9750, -57.0070



79.8170, -66.2930, -26.5570

Sweetspot

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



74.0260, 17.7290, 80.7130



204.1040, 6.7800, 31.3240



67.4740, -70.4750, 27.2290



97.9320, 3.8480, 18.3760



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



74.0260, 17.7290, 80.7130



81.4230, 25.2420, 115.2740



85.2850, 59.3600, 80.6400



90.2330, 0.9620, 4.5940



52.4400, 16.2630, 74.2390



10.9380, 3.7110, 15.3510

Inverse Universe

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



75.1390, 87.9290, 52.9610



83.0720, 125.5670, 75.7030



123.7150, -59.3600, -80.6400



90.3320, 4.9970, 3.0530



53.4970, 80.8690, 48.7490



11.0070, 16.4580, 10.1060

Previews

White Background



This preview shows how the YIQ color 74.0260, 17.7290, 80.7130 looks on a white background.

Color Contrast Check

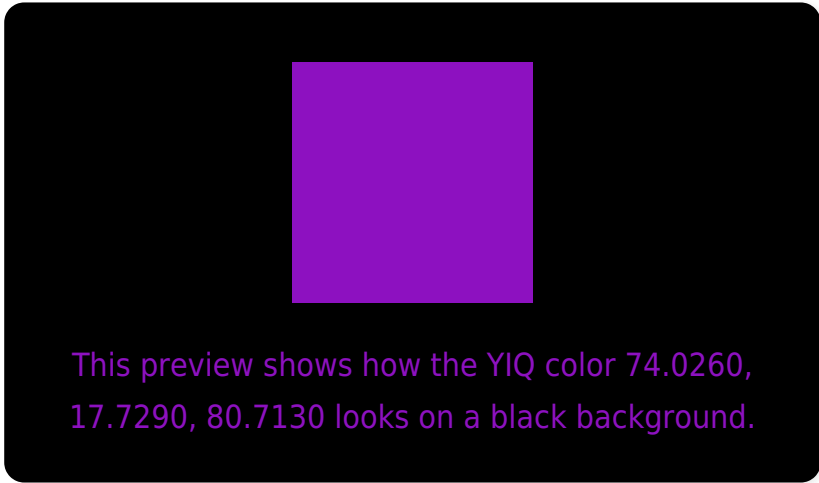
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

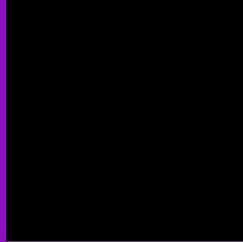
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 74.0260, 17.7290, 80.7130

Background



This preview shows how black text looks on a background with the YIQ color 74.0260, 17.7290, 80.7130.



This preview shows how white text looks on a background with the YIQ color 74.0260, 17.7290,

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

74.0260, 17.7290, 80.7130

Protanopia

71.9310, -82.6680, 11.4120

Deuteranopia

72.1300, -76.3390, 1.3330



Tritanopia

90.7370, 26.0860, 11.8300

Trichromacy



Original Color

74.0260, 17.7290, 80.7130

Protanomaly

72.8470, -46.3600, 36.2320

Deuteranomaly

72.8980, -42.3700, 29.9980

Tritanomaly

85.0630, 23.1930, 36.7370

Monochromacy



Original Color

74.0260, 17.7290, 80.7130

Achromatopsia

74.0000, -0.0000, 0.0000

Achromatomaly

73.7510, 6.2760, 29.4440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 74.0260, 17.7290, 80.7130 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(141, 17, 192)` looks like.

```
.text, #text, p{  
    color:rgb(141, 17, 192)  
}
```

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(141, 17, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 17, 192) }
```

Border

The CSS property to change the border of an element to YIQ 74.0260, 17.7290, 80.7130 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(141, 17, 192) }
```


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

```
.border{ border-color:rgb(141, 17, 192) }
```

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

Here you see how a box with a 4 pixel rgb(141, 17, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 17, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 17, 192);  
box-shadow:4px 4px 4px 4px rgb(141, 17,  
192) }
```

Background

The CSS property to change the background color of an element to YIQ 74.0260, 17.7290, 80.7130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 17, 192) }
```

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

```
.background{ background-color: rgb(141, 17,  
192) }
```

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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