

Converting Colors

YIQ(125.3980, -1.1140, 75.2860)

Have a look what the booklet for
YIQ(125.3980, -1.1140, 75.2860)
contains.

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Color

**YIQ(125.3980, -1.1140,
75.2860)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | AB4DFF |
| RGB | 171, 77, 255 |
| RGB Percent | 67%, 30%, 100% |
| CMY | 0.3291, 0.6982, 0.0001 |
| CMYK | 0.33, 0.70, 0.00, 0.00 |
| HSL | 272°, 100%, 65% |
| HSV | 272°, 70%, 100% |
| XYZ | 37.5085, 21.1875, 96.6898 |
| YIQ | 125.3980, -1.1140, 75.2860 |

Conversions

Conversions Part 2

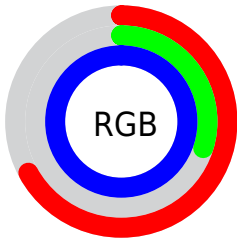
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 171, 77, 255 |
| Decimal | 11226623 |
| CIELab | 53.15, 68.67, -73.01 |
| CIElCh | 53, 100.227, 313.247 |
| Yxy | 21.1875, 0.2414, 0.1364 |
| Android (android.graphics.Color) | 4289416703 (0xFFAB4DFF) |
| YUV | 125.3980, 63.8938, 39.9930 |
| Hunter-Lab | 46.0298, 64.9026, -92.3230 |

Details

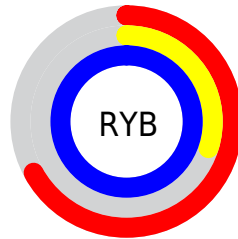
The YIQ color $125.3980, -1.1140, 75.2860$ is a light color, and the websafe version is hex $9933FF$. The color can be described as light washed purple. A complement of this color would be $206.6020, 1.1140, -75.2860$, and the grayscale version is $125.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $176.2100, 19.2460, 58.7180$, and $60.3430, 0.7190, 80.6150$ is the 20% darker color. If you saturate the color by 10%, you get $106.5480, -1.1160, 86.3400$, and if you desaturate by 10%, it is $143.6610, -0.8370, 64.7550$.

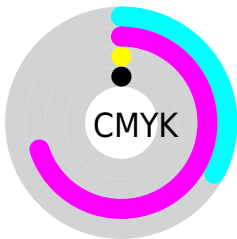
Distribution



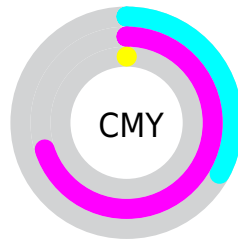
- Red (67%)
- Green (30%)
- Blue (100%)



- Red (67%)
- Yellow (30%)
- Blue (100%)



- Cyan (33%)
- Magenta (70%)
- Yellow (0%)
- Black (0%)



- Cyan (33%)
- Magenta (70%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 125.3980, -1.1140, 75.2860 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 125.3980, -1.1140, 75.2860 by changing the saturation by 10% instead.

125.3980, -1.1140,
75.2860

125.3980, -1.1140,
75.2860

255.0000, -0.0000,
-0.0000

96.0990, -1.7100,
75.0740

176.2100, 19.2460,
58.7180

60.0550, 1.5900,
81.3500

199.8220, 25.8500,
49.1620

43.4850, -5.9730,
69.7310

216.2580, 18.1500,
34.5180

30.5400, -16.9740,
54.3380

233.2810, 10.1750,
19.3510

13.1100, -36.9150,
35.7650

250.3040, 2.2000,
4.1840

10.2600, -28.8900,
27.9900

11.5190, -22.7900,

16.5540

■ 6.5490, -14.3070,
11.4930

■ 2.8670, -6.6950,
5.6970

■ 125.3980, -1.1140,
75.2860

■ 125.3980, -1.1140,
75.2860

■ 106.5480, -1.1160,
86.3400

■ 143.6610, -0.8370,
64.7550

■ 88.2850, -1.3930,
96.8710

■ 162.5110, -0.8350,
53.7010

■ 69.4350, -1.3950,
107.9250

■ 180.7740, -0.5580,
43.1700

■ 199.6240, -0.5560,
32.1160

■ 217.8870, -0.2790,
21.5850

■ 236.7370, -0.2770,
10.5310

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



103.6190, -116.7800, 12.8840



125.3980, -1.1140, 75.2860



95.4550, 92.1370, 108.8810

Triad

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



125.3980, -1.1140, 75.2860



119.3420, 86.1530, -13.9990



113.3170, -97.2400, -32.8880

Complementary

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



125.3980, -1.1140, 75.2860



206.6020, 1.1140, -75.2860

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.



101.0680, -66.8830, -59.9310



125.3980, -1.1140, 75.2860



115.1250, 34.3950, -45.1650

Square

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



125.3980, -1.1140, 75.2860



97.6210, 135.3410, 30.7090



88.6370, -41.5250, -78.9730



121.8500, -122.6450, -7.4850

Rectangle

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



125.3980, -1.1140, 75.2860



90.1530, 112.8180, 92.0020



88.6370, -41.5250, -78.9730



109.3100, -87.3350, -41.6950

Sweetspot

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



125.3980, -1.1140, 75.2860



215.8270, -0.0500, 22.9420



147.7740, -80.7880, 10.3800



104.4320, -0.7360, 13.3440



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.



125.3980, -1.1140, 75.2860



99.1830, -1.3460, 90.5100



150.1720, 49.9130, 92.1610



118.2760, -0.5970, 5.3150



51.9730, -1.1150, 80.8130



17.4620, -0.2800, 27.1120

Inverse Universe

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



139.7980, 79.1240, 63.8600



116.5000, 95.1230, 76.7790



181.8280, -49.9130, -92.1610



119.5710, 5.8220, 4.6220



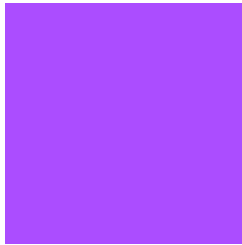
67.3690, 84.9460, 68.4820



22.5560, 28.5140, 22.8980

Previews

White Background



This preview shows how the YIQ color 125.3980, -1.1140, 75.2860 looks on a white background.

Color Contrast Check

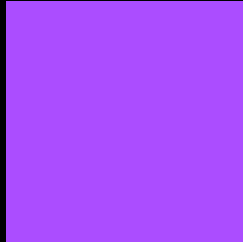
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 125.3980, -1.1140, 75.2860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

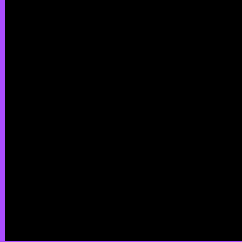
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 125.3980, -1.1140, 75.2860

Background



This preview shows how black text looks on a background with the YIQ color 125.3980, -1.1140, 75.2860.



This preview shows how white text looks on a background with the YIQ color 125.3980, -1.1140,

75.2860.

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

125.3980, -1.1140, 75.2860

Protanopia

110.2410, -97.8000, 21.3360

Deuteranopia

102.0740, -108.2960, 2.2960



Tritanopia

128.3980, 13.7990, 8.7350

Trichromacy



Original Color

125.3980, -1.1140, 75.2860



Protanomaly

115.5110, -62.7290, 41.0390



Deuteranomaly

110.7130, -69.6500, 28.7980



Tritanomaly

127.5280, 8.5220, 32.7940

Monochromacy



Original Color

125.3980, -1.1140, 75.2860



Achromatopsia

125.0000, 0.0000, 0.0000



Achromatomaly

125.4620, -0.2800, 27.1120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 125.3980, -1.1140, 75.2860 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(171, 77, 255)` looks like.

```
.text, #text, p{  
    color:rgb(171, 77, 255)  
}
```

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(171, 77, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 77, 255) }
```

Border

The CSS property to change the border of an element to YIQ 125.3980, -1.1140, 75.2860 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(171, 77, 255) }
```


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

```
.border{ border-color:rgb(171, 77, 255) }
```

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

Here you see how a box with a 4 pixel rgb(171, 77, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 77, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 77, 255);  
box-shadow:4px 4px 4px 4px rgb(171, 77,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 125.3980, -1.1140, 75.2860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 77, 255) }
```

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

```
.background{ background-color: rgb(171, 77,  
255) }
```

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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