

Converting Colors

YIQ(88.7280, 41.7550, 74.8030)

Have a look what the booklet for
YIQ(88.7280, 41.7550, 74.8030)
contains.

YIQ(88.7280, 41.7550, 74.8030)	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(88.7280, 41.7550,
74.8030)**

Conversions

Conversions Part 1

Format	Color
Hex	AF1DAA
RGB	175, 29, 170
RGB Percent	69%, 11%, 67%
CMY	0.3133, 0.8865, 0.3333
CMYK	0.00, 0.83, 0.03, 0.31
HSL	302°, 72%, 40%
HSV	302°, 83%, 69%
XYZ	25.3990, 12.9054, 39.1897
YIQ	88.7280, 41.7550, 74.8030

Conversions

Conversions Part 2

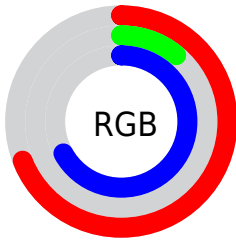
Format	Color
R_{YB}	175, 29, 170
Decimal	11476394
CIE _{Lab}	42.62, 69.38, -41.20
CIE _{LCh}	43, 80.690, 329.299
Yxy	12.9054, 0.3278, 0.1665
Android (android.graphics.Color)	4289666474 (0xFFAF1DAA)
YUV	88.7280, 40.0671, 75.6605
Hunter-Lab	35.9241, 63.3361, -39.5328

Details

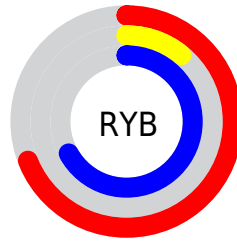
The YIQ color **88.7280, 41.7550, 74.8030** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **115.2720, -41.7550, -74.8030**, and the grayscale version is **88.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **151.4950, 40.7930, 70.2090**, and **48.6200, 32.7710, 61.4030** is the 20% darker color. If you saturate the color by 10%, you get **78.0480, 47.0260, 83.9060**, and if you desaturate by 10%, it is **98.8210, 36.7590, 66.2230**.

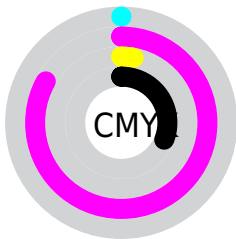
Distribution



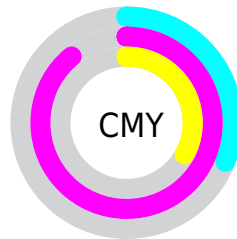
- Red (69%)
- Green (11%)
- Blue (67%)



- Red (69%)
- Yellow (11%)
- Blue (67%)



- Cyan (0%)
- Magenta (83%)
- Yellow (3%)
- Black (31%)



- Cyan (31%)
- Magenta (89%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 88.7280, 41.7550, 74.8030 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 88.7280, 41.7550, 74.8030 by changing the saturation by 10% instead.

■ 88.7280, 41.7550,
74.8030

■ 88.7280, 41.7550,
74.8030

■ 255.0000, -0.0000,
-0.0000

■ 59.9560, 41.1130,
75.4250

■ 151.4950, 40.7930,
70.2090

■ 48.6200, 32.7710,
61.4030

■ 178.1030, 36.0250,
68.5130

■ 37.3980, 24.1080,
47.6920

■ 194.5390, 28.3250,
53.8690

■ 26.8880, 16.3160,
34.7160

■ 211.5620, 20.3500,
38.7020

■ 15.8940, 7.0110,
21.6270

■ 228.5850, 12.3750,
23.5350

■ 3.2090, -7.6580,
6.6300

■ 246.1950, 4.1250,

■ 0.0000, 0.0000,

7.8450

0.0000

■ 88.7280, 41.7550,
74.8030

■ 88.7280, 41.7550,
74.8030

■ 78.0480, 47.0260,
83.9060

■ 98.8210, 36.7590,
66.2230

■ 71.5910, 50.0510,
89.6590

■ 109.3870, 31.8090,
56.8090

■ 119.4800, 26.8130,
48.2290

■ 130.0460, 21.8630,
38.8150

■ 140.7260, 16.5920,
29.7120

■ 150.8190, 11.5960,
21.1320

■ 161.3850, 6.6460,
11.7180

■ 171.4780, 1.6500,
3.1380

■ 182.1580, -3.6210,
-5.9650

Harmonies

Analogous

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



96.7100, -47.2320, 41.0240



88.7280, 41.7550, 74.8030



74.7600, 91.4550, 77.1750

Triad

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



88.7280, 41.7550, 74.8030



94.9010, 47.5500, -24.7540



93.3590, -87.8900, -15.1060

Complementary

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



88.7280, 41.7550, 74.8030



115.2720, -41.7550, -74.8030

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.



85.0200, -65.7870, -35.7310



88.7280, 41.7550, 74.8030



84.2490, 1.7510, -48.2730

Square

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



88.7280, 41.7550, 74.8030



90.7680, 85.5540, 2.3700



74.4810, -40.2450, -58.1090



97.4120, -103.4360, 2.3240

Rectangle

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



88.7280, 41.7550, 74.8030



70.1570, 105.8540, 64.0140



74.4810, -40.2450, -58.1090



90.8510, -80.8280, -21.9480

Sweetspot

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



88.7280, 41.7550, 74.8030



193.3130, 16.3170, 29.1890



47.1390, -43.8860, 46.4660



94.3410, 9.9460, 17.9940



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



88.7280, 41.7550, 74.8030



92.8390, 64.9930, 116.2330



80.4060, 65.1880, 52.1000



81.6030, 2.7960, 4.3960



61.3800, 42.8550, 76.8950



9.3850, 6.6460, 11.7180

Inverse Universe

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



88.7280, 41.7550, 74.8030



92.8390, 64.9930, 116.2330



123.5940, -65.1880, -52.1000



81.6030, 2.7960, 4.3960



61.3800, 42.8550, 76.8950



9.3850, 6.6460, 11.7180

Previews

White Background



This preview shows how the YIQ color 88.7280, 41.7550, 74.8030 looks on a white background.

Color Contrast Check

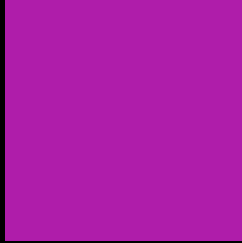
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 88.7280, 41.7550, 74.8030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

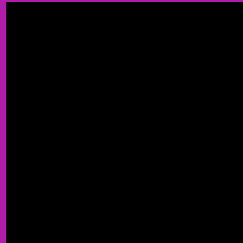
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 88.7280, 41.7550, 74.8030

Background



This preview shows how black text looks on a background with the YIQ color 88.7280, 41.7550, 74.8030.



This preview shows how white text looks on a background with the YIQ color 88.7280, 41.7550,

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

88.7280, 41.7550, 74.8030

Protanopia

81.2380, -93.7180, 13.4340

Deuteranopia

99.0440, -37.6900, 11.2540



Tritanopia

99.5620, 54.7400, 21.1720

Trichromacy



Original Color

88.7280, 41.7550, 74.8030



Protanomaly

84.1030, -44.2050, 35.7230



Deuteranomaly

95.0130, -8.9010, 34.6750



Tritanomaly

95.9430, 50.0140, 40.7500

Monochromacy



Original Color

88.7280, 41.7550, 74.8030



Achromatopsia

89.0000, -0.0000, -0.0000



Achromatomaly

88.6610, 15.2170, 27.0970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 88.7280, 41.7550, 74.8030 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(175, 29, 170)` looks like.

```
.text, #text, p{  
    color:rgb(175, 29, 170)  
}
```

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(175, 29, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 29, 170) }
```

Border

The CSS property to change the border of an element to YIQ 88.7280, 41.7550, 74.8030 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(175, 29, 170) }
```


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

```
.border{ border-color:rgb(175, 29, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 29, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 29, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 29, 170);  
box-shadow:4px 4px 4px 4px rgb(175, 29,  
170) }
```

Background

The CSS property to change the background color of an element to YIQ 88.7280, 41.7550, 74.8030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 29, 170) }
```

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

```
.background{ background-color: rgb(175, 29,  
170) }
```

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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