

Converting Colors

YIQ(120.1370, 4.2950, 81.8870)

Have a look what the booklet for
YIQ(120.1370, 4.2950, 81.8870)
contains.

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Color

**YIQ(120.1370, 4.2950,
81.8870)**

Conversions

Conversions Part 1

Format	Color
Hex	AF42FF
RGB	175, 66, 255
RGB Percent	69%, 26%, 100%
CMY	0.3133, 0.7413, 0.0001
CMYK	0.31, 0.74, 0.00, 0.00
HSL	275°, 100%, 63%
HSV	275°, 74%, 100%
XYZ	37.6910, 20.2341, 96.4989
YIQ	120.1370, 4.2950, 81.8870

Conversions

Conversions Part 2

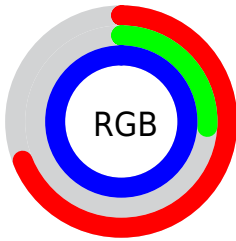
Format	Color
R _Y B	175, 66, 255
Decimal	11485951
CIE Lab	52.10, 73.80, -74.70
CIE LCh	52, 105.006, 314.656
Yxy	20.2341, 0.2441, 0.1310
Android (android.graphics.Color)	4289676031 (0xFFAF42FF)
YUV	120.1370, 66.4875, 48.1149
Hunter-Lab	44.9823, 70.8474, -95.7050

Details

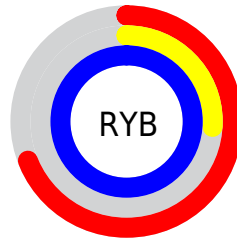
The YIQ color **120.1370, 4.2950, 81.8870** is a light color, and the websafe version is hex **9933FF**. The color can be described as light washed purple. A complement of this color would be **200.8630, -4.2950, -81.8870**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **172.4220, 24.7010, 64.4850**, and **56.8430, 5.3030, 85.6470** is the 20% darker color. If you saturate the color by 10%, you get **101.5860, 4.8890, 93.1530**, and if you desaturate by 10%, it is **138.1010, 3.9760, 71.1440**.

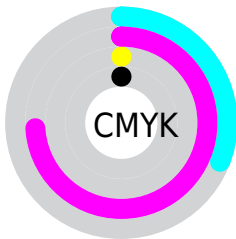
Distribution



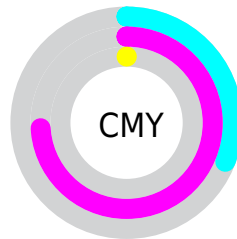
- Red (69%)
- Green (26%)
- Blue (100%)



- Red (69%)
- Yellow (26%)
- Blue (100%)



- Cyan (31%)
- Magenta (74%)
- Yellow (0%)
- Black (0%)





- Cyan (31%)
- Magenta (74%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 120.1370, 4.2950, 81.8870 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 120.1370, 4.2950, 81.8870 by changing the saturation by 10% instead.

 120.1370, 4.2950,
81.8870


 120.1370, 4.2950,
81.8870


255.0000, -0.0000,
-0.0000


 87.9030, 5.0740,
84.2900


 172.4220, 24.7010,
64.4850


 56.8430, 5.3030,
85.6470


 194.5390, 28.3250,
53.8690


 44.6810, -3.5890,
70.5790


 211.5620, 20.3500,
38.7020

 31.7360, -14.5900,
55.1860

 228.5850, 12.3750,
23.5350

 15.2030, -32.7430,
37.2490

 245.6080, 4.4000,
8.3680

 10.1460, -28.5690,
27.6790

 11.5190, -22.7900,

16.5540

■ 6.5490, -14.3070,
11.4930

■ 2.8670, -6.6950,
5.6970

■ 120.1370, 4.2950,
81.8870

■ 120.1370, 4.2950,
81.8870

■ 101.5860, 4.8890,
93.1530

■ 138.1010, 3.9760,
71.1440

■ 83.9210, 5.8040,
104.1080

■ 156.6520, 3.3820,
59.8780

■ 73.0230, 5.7570,
110.4690

■ 174.3170, 2.4670,
48.9230

■ 192.8680, 1.8730,
37.6570

■ 210.8320, 1.5540,
26.9140

■ 229.3830, 0.9600,
15.6480

■ 247.3470, 0.6410,
4.9050

■ 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.



101.2710, -115.6800, 14.9760



120.1370, 4.2950, 81.8870



96.0810, 96.1260, 108.1740

Triad

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



120.1370, 4.2950, 81.8870



116.9720, 84.3190, -13.8010



112.4850, -97.6530, -30.9090

Complementary

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



120.1370, 4.2950, 81.8870



200.8630, -4.2950, -81.8870

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.



99.7800, -66.0120, -59.1960



120.1370, 4.2950, 81.8870



111.8470, 29.3060, -46.5500

Square

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



120.1370, 4.2950, 81.8870



90.2780, 138.0450, 36.7730



87.4630, -40.9750, -77.9270



121.3600, -124.0210, -4.5730

Rectangle

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



120.1370, 4.2950, 81.8870



89.3550, 115.0650, 89.8250



87.4630, -40.9750, -77.9270



108.3640, -87.4270, -40.0270

Sweetspot

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



120.1370, 4.2950, 81.8870



214.9520, 1.0960, 24.2000



135.6800, -83.2190, 15.8930



103.5570, 0.4100, 14.6020



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.



120.1370, 4.2950, 81.8870



93.0470, 5.2090, 98.3690



142.5750, 56.1480, 94.8040



118.5750, -0.0010, 5.5270



54.6640, 4.2490, 82.7210



18.3590, 1.5080, 27.7480

Inverse Universe

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



131.6310, 86.9640, 64.9480



106.8170, 104.4760, 77.9800



178.4250, -56.1480, -94.8040



119.4570, 6.1430, 4.3110



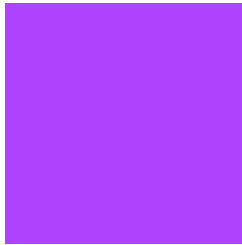
66.3430, 87.8350, 65.6830



22.2140, 29.4770, 21.9650

Previews

White Background



This preview shows how the YIQ color 120.1370, 4.2950, 81.8870 looks on a white background.

Color Contrast Check

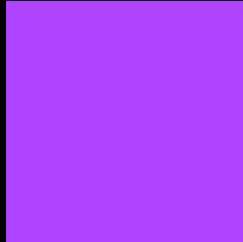
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.1370, 4.2950, 81.8870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

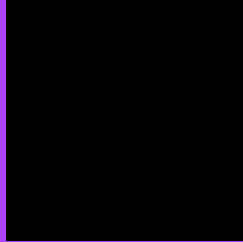
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 120.1370, 4.2950, 81.8870

Background



This preview shows how black text looks on a background with the YIQ color 120.1370, 4.2950, 81.8870.



This preview shows how white text looks on a background with the YIQ color 120.1370, 4.2950,

81.8870.

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

120.1370, 4.2950, 81.8870

Protanopia

99.2820, -114.2130, 15.9230

Deuteranopia

99.7430, -105.8660, 2.3100



Tritanopia

126.0890, 19.1630, 10.6430

Trichromacy



Original Color

120.1370, 4.2950, 81.8870



Protanomaly

106.7920, -70.8900, 40.2620



Deuteranomaly

107.3330, -65.5240, 31.1160



Tritanomaly

124.2730, 13.7940, 36.3700

Monochromacy



Original Color

120.1370, 4.2950, 81.8870



Achromatopsia

120.0000, -0.0000, -0.0000



Achromatomaly

119.8260, 1.6910, 29.9390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.1370, 4.2950, 81.8870 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, 66, 255)` looks like.

```
.text, #text, p{  
    color:rgb(175, 66, 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(175, 66, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 66, 255) }
```

Border

The CSS property to change the border of an element to YIQ 120.1370, 4.2950, 81.8870 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, 66, 255) }
```


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

```
.border{ border-color:rgb(175, 66, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 66, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 66, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 66, 255);  
box-shadow:4px 4px 4px 4px rgb(175, 66,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 120.1370, 4.2950, 81.8870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 66, 255) }
```

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

```
.background{ background-color: rgb(175, 66,  
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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