

Converting Colors

YIQ(88.5280, 124.2830, 76.9470)

Have a look what the booklet for
YIQ(88.5280, 124.2830, 76.9470)
contains.

YIQ(88.5280, 124.2830, 76.9470)	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(88.5280, 124.2830,
76.9470)**

Conversions

Conversions Part 1

Format	Color
Hex	FF0552
RGB	255, 5, 82
RGB Percent	100%, 2%, 32%
CMY	0.0000, 0.9805, 0.6780
CMYK	0.00, 0.98, 0.68, 0.00
HSL	341°, 100%, 51%
HSV	341°, 98%, 100%
XYZ	42.8203, 21.9771, 9.9899
YIQ	88.5280, 124.2830, 76.9470

Conversions

Conversions Part 2

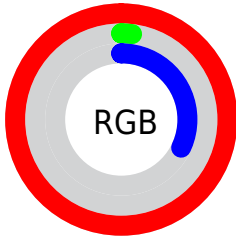
Format	Color
RYB	255, 5, 82
Decimal	16713042
CIELab	54.00, 81.57, 30.49
CIElCh	54, 87.078, 20.496
Yxy	21.9771, 0.5726, 0.2939
Android (android.graphics.Color)	4294903122 (0xFFFF0552)
YUV	88.5280, -3.2183, 145.9959
Hunter-Lab	46.8798, 81.0036, 20.1814

Details

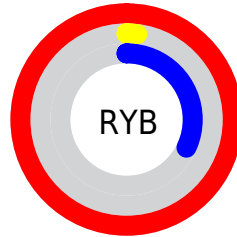
The YIQ color **88.5280, 124.2830, 76.9470** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark saturated red. A complement of this color would be **171.4720, -124.2830, -76.9470**, and the grayscale version is **88.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **149.2920, 82.7040, 43.0240**, and **60.8430, 100.4460, 51.8860** is the 20% darker color. If you saturate the color by 10%, you get **85.2510, 126.6210, 78.6290**, and if you desaturate by 10%, it is **105.2550, 111.6300, 69.4700**.

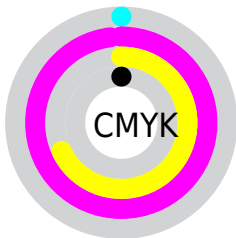
Distribution



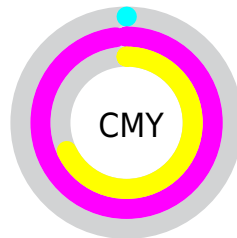
- Red (100%)
- Green (2%)
- Blue (32%)



- Red (100%)
- Yellow (2%)
- Blue (32%)



- Cyan (0%)
- Magenta (98%)
- Yellow (68%)
- Black (0%)





- Cyan (0%)
- Magenta (98%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 88.5280, 124.2830, 76.9470 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 88.5280, 124.2830, 76.9470 by changing the saturation by 10% instead.


 88.5280, 124.2830,
76.9470


 88.5280, 124.2830,
76.9470


255.0000, -0.0000,
-0.0000


 73.1040, 113.3730,
65.4130


 149.2920, 82.7040,
43.0240


 60.8430, 100.4460,
51.8860


 171.0400, 65.5580,
34.3740


 49.1090, 87.4730,
39.1930


 191.7280, 48.6410,
27.0810

 37.4890, 74.1790,
26.8110

 213.1170, 31.1280,
19.5760

 28.2630, 54.1440,
20.9600

 233.9190, 13.8900,
12.5940

 18.8800, 35.9890,
14.0770

253.8260, 0.5500,

 7.5890, 14.5790,

1.0460

5.6110

■ 0.0000, 0.0000,
0.0000

■ 88.5280, 124.2830,
76.9470

■ 88.5280, 124.2830,
76.9470

■ 85.2510, 126.6210,
78.6290

■ 105.2550,
111.6300, 69.4700

■ 122.4550, 99.0230,
61.1590

■ 139.1820, 86.3700,
53.6820

■ 156.4960, 73.4420,
45.6820

■ 173.1090, 61.1100,
37.8940

■ 190.4230, 48.1820,
29.8940

■ 207.1500, 35.5290,
22.4170

■ 224.3500, 22.9220,
14.1060

■ 241.0770, 10.2690,
6.6290

Harmonies

Analogous

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



91.6370, 97.1360, 100.8800



88.5280, 124.2830, 76.9470



114.5450, 114.1630, 7.0190

Triad

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



88.5280, 124.2830, 76.9470



90.0390, -42.7170, -79.3970



114.7720, -122.0050, 2.9470

Complementary

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



88.5280, 124.2830, 76.9470



171.4720, -124.2830, -76.9470

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.



120.6760, -122.0950, -6.4390



88.5280, 124.2830, 76.9470



104.9610, -76.4670, -51.4350

Square

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



88.5280, 124.2830, 76.9470



115.0590, 25.5930, -50.8470



114.4400, -101.7800, -27.7000



103.6960, -106.5110, 19.5130

Rectangle

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



88.5280, 124.2830, 76.9470



121.4130, 87.3910, -14.4090



114.4400, -101.7800, -27.7000



117.7070, -123.3800, 0.3320

Sweetspot

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



88.5280, 124.2830, 76.9470



205.7480, 36.7210, 22.8410



84.6290, 21.6660, 114.0020



98.0510, 22.3260, 13.8940



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.



88.5280, 124.2830, 76.9470



85.2510, 126.6210, 78.6290



106.7520, 136.3500, 28.9420



119.3430, 6.4640, 4.0000



63.8350, 94.8970, 58.8410



21.4160, 31.7240, 19.7880

Inverse Universe

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



88.5280, 124.2830, 76.9470



85.2510, 126.6210, 78.6290



153.2480, -136.3500, -28.9420



119.3430, 6.4640, 4.0000



63.8350, 94.8970, 58.8410



21.4160, 31.7240, 19.7880

Previews

White Background



This preview shows how the YIQ color 88.5280, 124.2830, 76.9470 looks on a white background.

Color Contrast Check

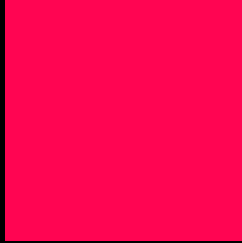
Large Text (above 18pt) WCAG AA ✓ Pass

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 88.5280, 124.2830, 76.9470 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 88.5280, 124.2830, 76.9470

Background



This preview shows how black text looks on a background with the YIQ color 88.5280, 124.2830, 76.9470.



This preview shows how white text looks on a background with the YIQ color 88.5280, 124.2830,

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

88.5280, 124.2830, 76.9470

Protanopia

130.4690, 5.8690, -1.7390

Deuteranopia

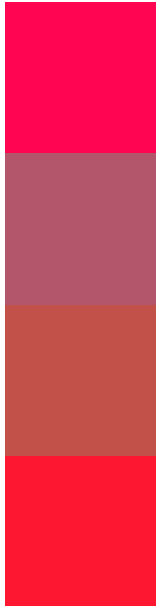
128.3090, 38.1940, -9.3740



Tritanopia

98.6230, 133.0000, 45.6080

Trichromacy



Original Color

88.5280, 124.2830, 76.9470

Protanomaly

115.6140, 48.9620, 26.7700

Deuteranomaly

113.9890, 69.5950, 21.7790

Tritanomaly

94.9190, 129.6510, 56.7470

Monochromacy



Original Color

88.5280, 124.2830, 76.9470

Achromatopsia

88.0000, -0.0000, -0.0000

Achromatomaly

88.4010, 45.2480, 28.0000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 88.5280, 124.2830, 76.9470 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(255, 5, 82)` looks like.

```
.text, #text, p{  
    color:rgb(255, 5, 82)  
}
```

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(255, 5, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 5, 82) }
```

Border

The CSS property to change the border of an element to YIQ 88.5280, 124.2830, 76.9470 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(255, 5, 82) }
```


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

```
.border{ border-color:rgb(255, 5, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 5, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 5, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 5, 82);  
box-shadow:4px 4px 4px 4px rgb(255, 5, 82)  
}
```

Background

The CSS property to change the background color of an element to YIQ 88.5280, 124.2830, 76.9470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 5, 82) }
```

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

```
.background{ background-color: rgb(255, 5,  
82) }
```

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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