

Converting Colors

YIQ(88.2490, 120.9350, 82.5590)

Have a look what the booklet for
YIQ(88.2490, 120.9350, 82.5590)
contains.

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Color

**YIQ(88.2490, 120.9350,
82.5590)**

Conversions

Conversions Part 1

Format	Color
Hex	FF025F
RGB	255, 2, 95
RGB Percent	100%, 1%, 37%
CMY	0.0000, 0.9923, 0.6270
CMYK	0.00, 0.99, 0.63, 0.00
HSL	338°, 100%, 50%
HSV	338°, 99%, 100%
XYZ	43.3308, 22.1292, 12.8389
YIQ	88.2490, 120.9350, 82.5590

Conversions

Conversions Part 2

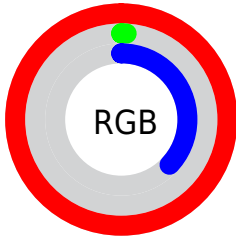
Format	Color
R_{YB}	255, 2, 95
Decimal	16712287
CIE _{Lab}	54.16, 82.39, 22.90
CIE _{LCh}	54, 85.511, 15.532
Yxy	22.1292, 0.5534, 0.2826
Android (android.graphics.Color)	4294902367 (0xFFFF025F)
YUV	88.2490, 3.3282, 146.2406
Hunter-Lab	47.0417, 82.0961, 16.7475

Details

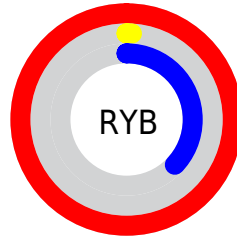
The YIQ color **88.2490, 120.9350, 82.5590** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated red. A complement of this color would be **168.7510, -120.9350, -82.5590**, and the grayscale version is **88.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **150.8880, 78.2100, 47.3780**, and **62.5100, 97.1900, 55.8300** is the 20% darker color. If you saturate the color by 10%, you get **86.9610, 121.8060, 83.2940**, and if you desaturate by 10%, it is **104.7480, 108.9240, 74.4600**.

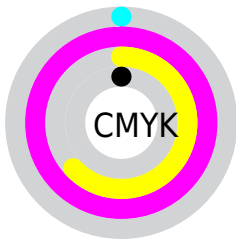
Distribution



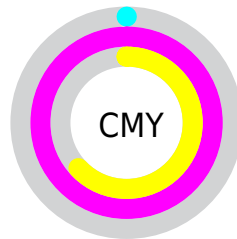
- Red (100%)
- Green (1%)
- Blue (37%)



- Red (100%)
- Yellow (1%)
- Blue (37%)



- Cyan (0%)
- Magenta (99%)
- Yellow (63%)
- Black (0%)





- Cyan (0%)
- Magenta (99%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 88.2490, 120.9350, 82.5590 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 88.2490, 120.9350, 82.5590 by changing the saturation by 10% instead.


 88.2490, 120.9350,
82.5590


 88.2490, 120.9350,
82.5590


255.0000, -0.0000,
-0.0000


 74.5860, 109.2000,
69.4560


 150.8880, 78.2100,
47.3780


 62.5100, 97.1900,
55.8300


 172.6360, 61.0640,
38.7280

 50.6620, 84.5380,
42.8260


 193.4380, 43.8260,
31.7460

 38.2440, 73.4910,
28.2670

 214.8270, 26.3130,
24.2410

 28.5620, 54.7400,
21.1720

 235.6290, 9.0750,
17.2590

 19.1790, 36.5850,
14.2890

253.8260, 0.5500,

 8.1870, 15.7710,

1.0460

6.0350

■ 0.0000, 0.0000,
0.0000

■ 88.2490, 120.9350,
82.5590

■ 88.2490, 120.9350,
82.5590

■ 86.9610, 121.8060,
83.2940

■ 104.7480,
108.9240, 74.4600

■ 121.8340, 96.6380,
65.8380

■ 138.3330, 84.6270,
57.7390

■ 155.5330, 72.0200,
49.4280

■ 172.0320, 60.0090,
41.3290

■ 189.1180, 47.7230,
32.7070

■ 205.6170, 35.7120,
24.6080

■ 222.7030, 23.4260,
15.9860

■ 239.2020, 11.4150,
7.8870

Harmonies

Analogous

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



106.1740, 81.9620, 89.5300



88.2490, 120.9350, 82.5590



114.5700, 113.0150, 16.8150

Triad

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



88.2490, 120.9350, 82.5590



89.2240, -41.8000, -79.4960



116.5330, -122.8300, 1.3780

Complementary

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



88.2490, 120.9350, 82.5590



168.7510, -120.9350, -82.5590

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.



119.5360, -118.8850, -9.5490



88.2490, 120.9350, 82.5590



103.0060, -72.3400, -54.6440

Square

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



88.2490, 120.9350, 82.5590



117.4840, 34.7620, -46.3100



112.9580, -97.6070, -31.7430



103.0320, -116.5050, 13.4070

Rectangle

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



88.2490, 120.9350, 82.5590



120.2830, 93.8090, -9.5750



112.9580, -97.6070, -31.7430



118.8810, -123.9300, -0.7140

Sweetspot

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



88.2490, 120.9350, 82.5590



204.9160, 36.3080, 24.8200



77.4860, 11.7630, 111.7550



97.5780, 22.2800, 14.7280



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.



88.2490, 120.9350, 82.5590



86.9610, 121.8060, 83.2940



94.6700, 142.8130, 38.4690



119.3430, 6.4640, 4.0000



65.0890, 91.3660, 62.2620



21.7580, 30.7610, 20.7210

Inverse Universe

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



88.2490, 120.9350, 82.5590



86.9610, 121.8060, 83.2940



161.7430, -142.5380, -37.9460



119.3430, 6.4640, 4.0000



65.0890, 91.3660, 62.2620



21.7580, 30.7610, 20.7210

Previews

White Background



This preview shows how the YIQ color 88.2490, 120.9350, 82.5590 looks on a white background.

Color Contrast Check

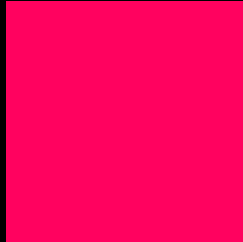
Large Text (above 18pt) WCAG AA ✓ Pass

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 88.2490, 120.9350, 82.5590 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 88.2490, 120.9350, 82.5590

Background



This preview shows how black text looks on a background with the YIQ color 88.2490, 120.9350, 82.5590.



This preview shows how white text looks on a background with the YIQ color 88.2490, 120.9350,

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

88.2490, 120.9350, 82.5590

Protanopia

131.3250, -2.2930, 3.0110

Deuteranopia

129.8940, 32.2330, -5.9670



Tritanopia

101.9430, 129.1030, 44.6470

Trichromacy



Original Color

88.2490, 120.9350, 82.5590

Protanomaly

115.3670, 42.5880, 32.1560

Deuteranomaly

114.6990, 64.7800, 26.4440

Tritanomaly

97.1190, 126.2120, 58.5000

Monochromacy



Original Color

88.2490, 120.9350, 82.5590

Achromatopsia

88.0000, -0.0000, -0.0000

Achromatomaly

88.3840, 43.9180, 30.0780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 88.2490, 120.9350, 82.5590 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, 2, 95)` looks like.

```
.text, #text, p{  
    color:rgb(255, 2, 95)  
}
```

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, 2, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 2, 95) }
```

Border

The CSS property to change the border of an element to YIQ 88.2490, 120.9350, 82.5590 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, 2, 95) }
```


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

```
.border{ border-color:rgb(255, 2, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 2, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 2, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 2, 95);  
box-shadow:4px 4px 4px 4px rgb(255, 2, 95)  
}
```

Background

The CSS property to change the background color of an element to YIQ 88.2490, 120.9350, 82.5590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 2, 95) }
```

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

```
.background{ background-color: rgb(255, 2,  
95) }
```

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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