

Converting Colors

YIQ(188.0270, 24.0150, 54.8870)

Have a look what the booklet for
YIQ(188.0270, 24.0150, 54.8870)
contains.

YIQ(188.0270, 24.0150, 54.8870)	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(188.0270, 24.0150,
54.8870)**

Conversions

Conversions Part 1

Format	Color
Hex	F592FF
RGB	245, 146, 255
RGB Percent	96%, 57%, 100%
CMY	0.0389, 0.4276, 0.0000
CMYK	0.04, 0.43, 0.00, 0.00
HSL	295°, 100%, 79%
HSV	295°, 43%, 100%
XYZ	66.0057, 47.1914, 100.2377
YIQ	188.0270, 24.0150, 54.8870

Conversions

Conversions Part 2

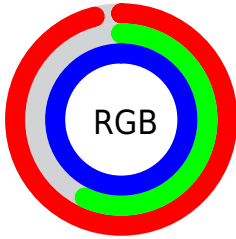
Format	Color
R_{YB}	245, 146, 255
Decimal	16093951
CIE _{Lab}	74.31, 53.50, -38.85
CIE _{LCh}	74, 66.118, 324.014
Yxy	47.1914, 0.3093, 0.2211
Android (android.graphics.Color)	4294284031 (0xFFFF592FF)
YUV	188.0270, 33.0177, 49.9653
Hunter-Lab	68.6960, 51.2915, -38.4257

Details

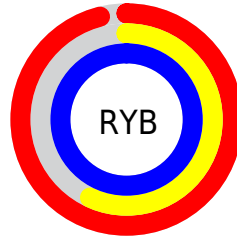
The YIQ color **188.0270, 24.0150, 54.8870** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **212.9730, -24.0150, -54.8870**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.8890, 14.5750, 27.7190**, and **132.4890, 22.5940, 53.1060** is the 20% darker color. If you saturate the color by 10%, you get **172.1670, 29.9730, 68.0610**, and if you desaturate by 10%, it is **203.3000, 18.3320, 42.2360**.

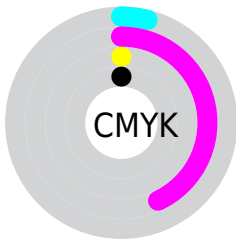
Distribution



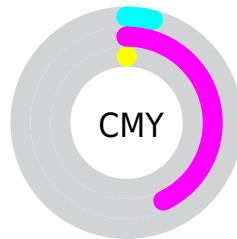
- Red (96%)
- Green (57%)
- Blue (100%)



- Red (96%)
- Yellow (57%)
- Blue (100%)



- Cyan (4%)
- Magenta (43%)
- Yellow (0%)
- Black (0%)





- Cyan (4%)
- Magenta (43%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 188.0270, 24.0150, 54.8870 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 188.0270, 24.0150, 54.8870 by changing the saturation by 10% instead.


 188.0270, 24.0150,
54.8870

 188.0270, 24.0150,
54.8870


255.0000, -0.0000,
-0.0000


 160.2010, 23.4650,
53.8410


 223.8890, 14.5750,
27.7190


 132.4890, 22.5940,
53.1060

 240.9120, 6.6000,
12.5520

 105.0760, 22.3190,
52.5830

 77.1900, 21.9980,
52.8940

 44.4340, 24.4270,
58.4350

 33.5110, 16.3600,
44.9360

 23.3000, 9.1640,

32.1720

■ 12.9040, 1.0510,
19.5070

■ 3.2090, -7.6580,
6.6300

■ 188.0270, 24.0150,
54.8870

■ 188.0270, 24.0150,
54.8870

■ 172.1670, 29.9730,
68.0610

■ 203.3000, 18.3320,
42.2360

■ 156.5950, 35.0600,
80.5000

■ 219.4590, 12.9700,
29.2740

■ 140.7350, 41.0180,
93.6740

■ 234.7320, 7.2870,
16.6230

■ 125.4620, 46.7010,
106.3250

■ 250.5920, 1.3290,
3.4490

■ 109.3030, 52.0630, 255.0000, -0.0000,
119.2870 -0.0000

■ 98.4380, 56.4170,
128.4890

Harmonies

Analogous

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



178.7710, -32.0070, 23.9050



188.0270, 24.0150, 54.8870



173.9530, 53.2220, 48.6940

Triad

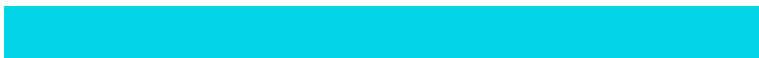
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



188.0270, 24.0150, 54.8870



176.2270, 69.8790, -27.4410



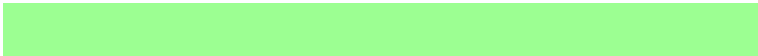
150.6640, -132.1300, -39.3460

Complementary

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



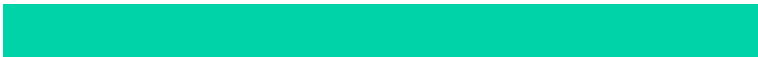
188.0270, 24.0150, 54.8870



212.9730, -24.0150, -54.8870

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.



143.0090, -111.9530, -58.1050



188.0270, 24.0150, 54.8870



170.8790, 26.2800, -46.7760

Square

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



188.0270, 24.0150, 54.8870



175.1590, 82.8950, 0.9990



159.8450, -38.2740, -55.2820



149.9920, -138.5050, -28.4330

Rectangle

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



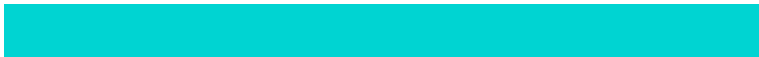
188.0270, 24.0150, 54.8870



168.6920, 66.6580, 36.4660



159.8450, -38.2740, -55.2820



148.3840, -125.7100, -45.5660

Sweetspot

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



188.0270, 24.0150, 54.8870



234.7320, 7.2870, 16.6230



164.8830, -38.0140, 28.1460



115.0750, 4.5830, 10.5590



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.



188.0270, 24.0150, 54.8870



175.1020, 28.5980, 65.4460



186.0010, 44.0990, 43.3230



119.7710, 2.3830, 6.3750



73.8000, 42.3930, 96.2890



24.6380, 14.0240, 32.2000

Inverse Universe

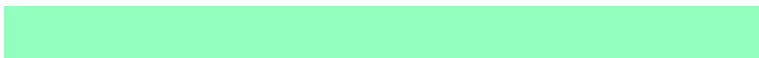
The Inverse Universe completely reimagines the original color for something new.



179.7310, 61.7540, 26.2180



165.2380, 73.6280, 31.2920



214.9990, -44.0990, -43.3230



119.0010, 7.4270, 3.0670



59.0470, 108.3790, 45.7790



19.8200, 36.2180, 15.4340

Previews

White Background



This preview shows how the YIQ color 188.0270, 24.0150, 54.8870 looks on a white background.

Color Contrast Check

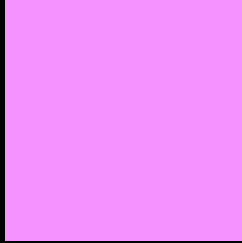
Large Text (above 18pt) WCAG AA × Fail

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 188.0270, 24.0150, 54.8870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

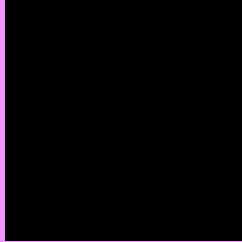
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 188.0270, 24.0150, 54.8870

Background



This preview shows how black text looks on a background with the YIQ color 188.0270, 24.0150, 54.8870.



This preview shows how white text looks on a background with the YIQ color 188.0270, 24.0150,

54.8870.

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

188.0270, 24.0150, 54.8870

Protanopia

182.8580, -36.8660, 18.3500

Deuteranopia

183.6690, -31.9600, 17.5440



Tritanopia

186.0100, 38.7390, 19.3070

Trichromacy



Original Color

188.0270, 24.0150, 54.8870



Protanomaly

184.4960, -14.8150, 31.7210



Deuteranomaly

184.9370, -11.7430, 31.1130

Tritanomaly

186.9900, 33.4640, 32.3120

Monochromacy



Original Color

188.0270, 24.0150, 54.8870



Achromatopsia

188.0000, 0.0000, 0.0000



Achromatomaly

188.2100, 8.9370, 19.7610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.0270, 24.0150, 54.8870 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(245, 146, 255)` looks like.

```
.text, #text, p{  
    color:rgb(245, 146, 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(245, 146, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 146, 255) }
```

Border

The CSS property to change the border of an element to YIQ 188.0270, 24.0150, 54.8870 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(245, 146, 255) }
```


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

```
.border{ border-color:rgb(245, 146, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 146, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 146, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 146, 255);  
box-shadow:4px 4px 4px 4px rgb(245, 146,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 188.0270, 24.0150, 54.8870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 146, 255) }
```

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

```
.background{ background-color: rgb(245,  
146, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor