

Converting Colors

YIQ(128.2100, 55.9180, 98.9740)

Have a look what the booklet for
YIQ(128.2100, 55.9180, 98.9740)
contains.

YIQ(128.2100, 55.9180, 98.9740)	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(128.2100, 55.9180,
98.9740)**

Conversions

Conversions Part 1

Format	Color
Hex	F331EB
RGB	243, 49, 235
RGB Percent	95%, 19%, 92%
CMY	0.0465, 0.8081, 0.0784
CMYK	0.00, 0.80, 0.03, 0.05
HSL	303°, 89%, 57%
HSV	303°, 80%, 95%
XYZ	53.1062, 27.2701, 81.0769
YIQ	128.2100, 55.9180, 98.9740

Conversions

Conversions Part 2

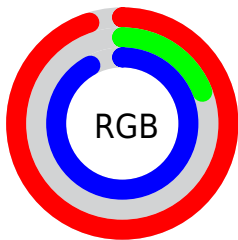
Format	Color
R _Y B	243, 49, 235
Decimal	15938027
CIE Lab	59.22, 87.58, -51.58
CIE LCh	59, 101.640, 329.503
Yxy	27.2701, 0.3289, 0.1689
Android (android.graphics.Color)	4294128107 (0xFFFF331EB)
YUV	128.2100, 52.6475, 100.6708
Hunter-Lab	52.2207, 90.1403, -55.4980

Details

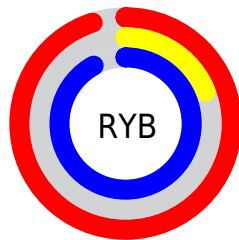
The YIQ color **128.2100, 55.9180, 98.9740** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **163.7900, -55.9180, -98.9740**, and the grayscale version is **128.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **175.1680, 37.4000, 71.1280**, and **74.7100, 51.3340, 93.9420** is the 20% darker color. If you saturate the color by 10%, you get **114.0080, 62.8390, 111.2150**, and if you desaturate by 10%, it is **142.4120, 48.9970, 86.7330**.

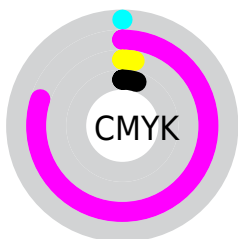
Distribution



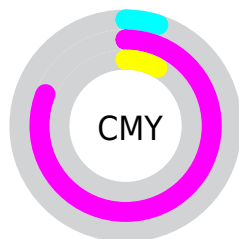
- Red (95%)
- Green (19%)
- Blue (92%)



- Red (95%)
- Yellow (19%)
- Blue (92%)



- Cyan (0%)
- Magenta (80%)
- Yellow (3%)
- Black (5%)





- Cyan (5%)
- Magenta (81%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 128.2100, 55.9180, 98.9740 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 128.2100, 55.9180, 98.9740 by changing the saturation by 10% instead.


 128.2100, 55.9180,
98.9740


 128.2100, 55.9180,
98.9740


255.0000, -0.0000,
-0.0000


 87.1710, 60.8220,
109.2220


 175.1680, 37.4000,
71.1280


 74.7100, 51.3340,
93.9420


 193.3650, 28.8750,
54.9150


 62.9610, 42.7170,
79.3970


 210.9750, 20.6250,
39.2250


 51.0270, 33.1830,
64.9510

 229.1720, 12.1000,
23.0120

 39.3920, 24.2450,
50.7170

 246.7820, 3.8500,
7.3220

 28.4690, 16.1780,
37.2180

 16.5780, 5.0850,

23.4930

■ 4.3660, -9.5380,
7.6620

■ 0.0000, 0.0000,
0.0000

■ 128.2100, 55.9180,
98.9740

■ 128.2100, 55.9180,
98.9740

■ 114.0080, 62.8390,
111.2150

■ 142.4120, 48.9970,
86.7330

■ 99.2190, 70.0350,
123.9790

■ 157.2010, 41.8010,
73.9690

■ 171.4030, 34.8800,
61.7280

■ 185.6050, 27.9590,
49.4870

200.3940, 20.7630,
36.7230

214.5960, 13.8420,
24.4820

228.7980, 6.9210,
12.2410

243.0000, 0.0000,
-0.0000

250.1580, -3.6210,
-5.9650

Harmonies

Analogous

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



133.0090, -46.6360, 41.2360



128.2100, 55.9180, 98.9740



93.1170, 104.4720, 100.0880

Triad

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



128.2100, 55.9180, 98.9740



133.9180, 66.0750, -35.5970



130.5920, -122.4590, -21.8750

Complementary

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



128.2100, 55.9180, 98.9740



163.7900, -55.9180, -98.9740

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.



119.7450, -93.2940, -49.3420



128.2100, 55.9180, 98.9740



119.6120, 4.3220, -67.3420

Square

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



128.2100, 55.9180, 98.9740



129.5850, 116.6860, -0.1620



105.7690, -59.4520, -78.9720



130.6210, -129.4300, -11.1740

Rectangle

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



128.2100, 55.9180, 98.9740



86.5050, 123.0900, 82.0500



105.7690, -59.4520, -78.9720



127.8730, -113.4250, -31.4170

Sweetspot

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



128.2100, 55.9180, 98.9740



218.8510, 17.7380, 30.9700



72.9100, -58.6980, 61.6060



106.0530, 10.8170, 18.7290



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.



128.2100, 55.9180, 98.9740



110.0450, 70.5850, 125.0250



117.3800, 86.4130, 69.4290



114.9560, 3.3000, 6.2760



75.9060, 53.7180, 94.7900



24.0250, 17.1880, 29.9240

Inverse Universe

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



128.2100, 55.9180, 98.9740



110.0450, 70.5850, 125.0250



174.7340, -86.7340, -69.1180



114.9560, 3.3000, 6.2760



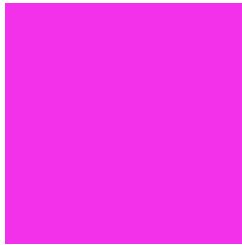
75.9060, 53.7180, 94.7900



24.0250, 17.1880, 29.9240

Previews

White Background



This preview shows how the YIQ color 128.2100, 55.9180, 98.9740 looks on a white background.

Color Contrast Check

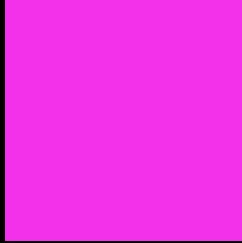
Large Text (above 18pt) WCAG AA ✓ Pass

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 128.2100, 55.9180, 98.9740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

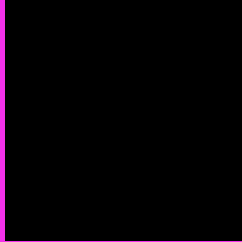
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 128.2100, 55.9180, 98.9740

Background



This preview shows how black text looks on a background with the YIQ color 128.2100, 55.9180, 98.9740.



This preview shows how white text looks on a background with the YIQ color 128.2100, 55.9180,

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

128.2100, 55.9180, 98.9740

Protanopia

136.3770, -68.8240, 24.8400

Deuteranopia

139.4480, -50.3910, 15.6650



Tritanopia

140.2550, 74.9580, 29.2140

Trichromacy



Original Color

128.2100, 55.9180, 98.9740

Protanomaly

133.2510, -23.5300, 52.0060

Deuteranomaly

135.6080, -11.6540, 46.0260

Tritanomaly

135.9550, 68.0760, 54.8280

Monochromacy



Original Color

128.2100, 55.9180, 98.9740

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

127.9810, 20.4880, 36.2000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 128.2100, 55.9180, 98.9740 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(243, 49, 235)` looks like.

```
.text, #text, p{  
    color:rgb(243, 49, 235)  
}
```

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(243, 49, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 49, 235) }
```

Border

The CSS property to change the border of an element to YIQ 128.2100, 55.9180, 98.9740 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(243, 49, 235) }
```


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

```
.border{ border-color:rgb(243, 49, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 49, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 49, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 49, 235);  
box-shadow:4px 4px 4px 4px rgb(243, 49,  
235) }
```

Background

The CSS property to change the background color of an element to YIQ 128.2100, 55.9180, 98.9740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 49, 235) }
```

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

```
.background{ background-color: rgb(243, 49,  
235) }
```

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