

Converting Colors

YIQ(115.4210, 63.1140,
111.7380)

Have a look what the booklet for
YIQ(115.4210, 63.1140, 111.7380)
contains.

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Color

**YIQ(115.4210, 63.1140,
111.7380)**

Conversions

Conversions Part 1

Format	Color
Hex	F51AEC
RGB	245, 26, 236
RGB Percent	96%, 10%, 93%
CMY	0.0386, 0.8983, 0.0744
CMYK	0.00, 0.89, 0.04, 0.04
HSL	303°, 92%, 53%
HSV	303°, 89%, 96%
XYZ	53.2252, 26.2346, 81.6324
YIQ	115.4210, 63.1140, 111.7380

Conversions

Conversions Part 2

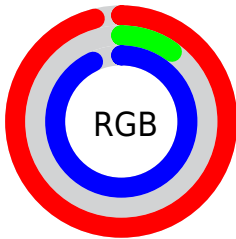
Format	Color
R _Y B	245, 26, 236
Decimal	16063212
CIE Lab	58.26, 92.04, -53.66
CIE LCh	58, 106.542, 329.760
Yxy	26.2346, 0.3304, 0.1629
Android (android.graphics.Color)	4294253292 (0xFFFF51AEC)
YUV	115.4210, 59.4454, 113.6408
Hunter-Lab	51.2197, 95.8546, -58.6409

Details

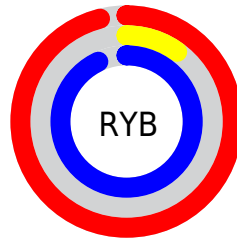
The YIQ color **115.4210, 63.1140, 111.7380** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **155.5790, -63.1140, -111.7380**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **169.2980, 40.1500, 76.3580**, and **75.4220, 52.2050, 94.6770** is the 20% darker color. If you saturate the color by 10%, you get **100.6320, 70.3100, 124.5020**, and if you desaturate by 10%, it is **129.6230, 56.1930, 99.4970**.

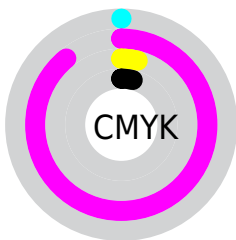
Distribution



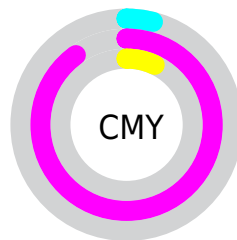
- Red (96%)
- Green (10%)
- Blue (93%)



- Red (96%)
- Yellow (10%)
- Blue (93%)



- Cyan (0%)
- Magenta (89%)
- Yellow (4%)
- Black (4%)





- Cyan (4%)
- Magenta (90%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 115.4210, 63.1140, 111.7380 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 115.4210, 63.1140, 111.7380 by changing the saturation by 10% instead.


 115.4210, 63.1140,
111.7380


 115.4210, 63.1140,
111.7380


255.0000, -0.0000,
-0.0000


 87.5840, 61.0970,
109.7450


 169.2980, 40.1500,
76.3580


 75.4220, 52.2050,
94.6770


 188.0820, 31.3500,
59.6220

 63.3740, 42.9920,
79.9200


 206.2790, 22.8250,
43.4090

 51.3260, 33.7790,
65.1630

 223.8890, 14.5750,
27.7190

 39.8050, 24.5200,
51.2400

 242.0860, 6.0500,
11.5060

 28.5830, 15.8570,
37.5290

 16.5780, 5.0850,

23.4930

■ 4.4800, -9.8590,
7.9730

■ 0.0000, 0.0000,
0.0000

■ 115.4210, 63.1140,
111.7380

■ 115.4210, 63.1140,
111.7380

■ 100.6320, 70.3100,
124.5020

■ 129.6230, 56.1930,
99.4970

■ 100.0450, 70.5850,
125.0250

■ 144.4120, 48.9970,
86.7330

■ 158.6140, 42.0760,
74.4920

■ 173.4030, 34.8800,
61.7280

188.1920, 27.6840,
48.9640

202.3940, 20.7630,
36.7230

217.1830, 13.5670,
23.9590

231.3850, 6.6460,
11.7180

246.1740, -0.5500,
-1.0460

Harmonies

Analogous

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



128.5680, -49.7080, 41.8440



115.4210, 63.1140, 111.7380



92.7750, 105.4350, 99.1550

Triad

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



115.4210, 63.1140, 111.7380



131.5480, 64.2410, -35.3990



130.3470, -123.1470, -20.4190

Complementary

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



115.4210, 63.1140, 111.7380



155.5790, -63.1140, -111.7380

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.



118.9300, -92.3770, -49.4410



115.4210, 63.1140, 111.7380



115.4480, -1.0880, -68.4160

Square

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



115.4210, 63.1140, 111.7380



126.0630, 118.3360, 2.9760



103.4550, -55.6920, -81.0360



130.0340, -129.1550, -10.6510

Rectangle

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



115.4210, 63.1140, 111.7380



85.9350, 124.6950, 80.4950



103.4550, -55.6920, -81.0360



126.8130, -113.1960, -30.0600

Sweetspot

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



115.4210, 63.1140, 111.7380



214.1550, 19.9380, 35.1540



53.0590, -66.1270, 69.5930



103.7050, 11.9170, 20.8210



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.



115.4210, 63.1140, 111.7380



104.0610, 73.6560, 129.9440



103.1090, 97.7820, 78.1500



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.



115.4210, 63.1140, 111.7380



104.0610, 73.6560, 129.9440



167.8910, -97.7820, -78.1500



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 115.4210, 63.1140, 111.7380 looks on a white background.

Color Contrast Check

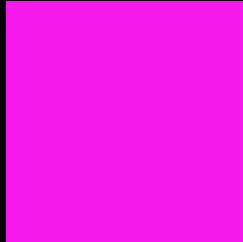
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.4210, 63.1140, 111.7380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

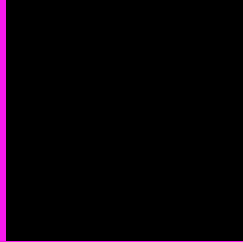
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 115.4210, 63.1140, 111.7380

Background



This preview shows how black text looks on a background with the YIQ color 115.4210, 63.1140, 111.7380.



This preview shows how white text looks on a background with the YIQ color 115.4210, 63.1140,

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

115.4210, 63.1140, 111.7380

Protanopia

133.4090, -71.8500, 24.6140

Deuteranopia

135.8930, -53.1420, 15.9620



Tritanopia

136.3480, 79.1300, 30.6980

Trichromacy



Original Color

115.4210, 63.1140, 111.7380

Protanomaly

127.0710, -22.8430, 56.0770

Deuteranomaly

128.8410, -10.6920, 50.6200

Tritanomaly

128.7540, 73.2560, 60.0720

Monochromacy



Original Color

115.4210, 63.1140, 111.7380

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

115.2850, 22.6880, 40.3840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.4210, 63.1140, 111.7380 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, 26, 236)` looks like.

```
.text, #text, p{  
    color:rgb(245, 26, 236)  
}
```

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, 26, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 26, 236) }
```

Border

The CSS property to change the border of an element to YIQ 115.4210, 63.1140, 111.7380 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, 26, 236) }
```


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

```
.border{ border-color:rgb(245, 26, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 26, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 26, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 26, 236);  
box-shadow:4px 4px 4px 4px rgb(245, 26,  
236) }
```

Background

The CSS property to change the background color of an element to YIQ 115.4210, 63.1140, 111.7380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 26, 236) }
```

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

```
.background{ background-color: rgb(245, 26,  
236) }
```

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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