

Converting Colors

YIQ(112.3380, 62.1500,
118.1980)

Have a look what the booklet for
YIQ(112.3380, 62.1500, 118.1980)
contains.

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Color

**YIQ(112.3380, 62.1500,
118.1980)**

Conversions

Conversions Part 1

Format	Color
Hex	F513F5
RGB	245, 19, 245
RGB Percent	96%, 7%, 96%
CMY	0.0385, 0.9258, 0.0391
CMYK	0.00, 0.92, 0.00, 0.04
HSL	300°, 92%, 52%
HSV	300°, 92%, 96%
XYZ	54.4321, 26.4999, 88.6469
YIQ	112.3380, 62.1500, 118.1980

Conversions

Conversions Part 2

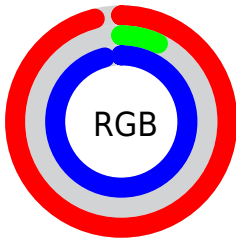
Format	Color
R _Y B	245, 19, 245
Decimal	16061429
CIE Lab	58.51, 94.06, -58.29
CIE LCh	59, 110.657, 328.214
Yxy	26.4999, 0.3210, 0.1563
Android (android.graphics.Color)	4294251509 (0xFFFF513F5)
YUV	112.3380, 65.4024, 116.3446
Hunter-Lab	51.4780, 98.6567, -66.0648

Details

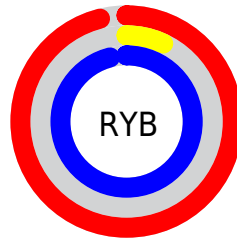
The YIQ color **112.3380, 62.1500, 118.1980** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **151.6620, -62.1500, -118.1980**, and the grayscale version is **112.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **168.1240, 40.7000, 77.4040**, and **76.4480, 49.3160, 97.4760** is the 20% darker color. If you saturate the color by 10%, you get **101.1850, 67.3750, 128.1350**, and if you desaturate by 10%, it is **126.4260, 55.5500, 105.6460**.

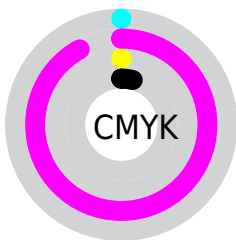
Distribution



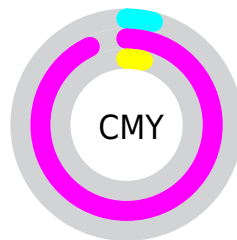
- Red (96%)
- Green (7%)
- Blue (96%)



- Red (96%)
- Yellow (7%)
- Blue (96%)



- Cyan (0%)
- Magenta (92%)
- Yellow (0%)
- Black (4%)





- Cyan (4%)
- Magenta (93%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 112.3380, 62.1500, 118.1980 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 112.3380, 62.1500, 118.1980 by changing the saturation by 10% instead.


 112.3380, 62.1500,
118.1980


 112.3380, 62.1500,
118.1980


255.0000, -0.0000,
-0.0000


 88.6100, 58.2080,
112.5440


 168.1240, 40.7000,
77.4040


 76.4480, 49.3160,
97.4760


 186.9080, 31.9000,
60.6680

 64.2860, 40.4240,
82.4080


 205.1050, 23.3750,
44.4550

 52.2380, 31.2110,
67.6510

 223.3020, 14.8500,
28.2420

 40.3040, 21.6770,
53.2050

 241.4990, 6.3250,
12.0290

 29.3810, 13.6100,
39.7060

 17.0770, 2.2420,

25.4580

■ 4.5770, -11.5100,
10.3620

■ 1.1400, -3.2100,
3.1100

■ 112.3380, 62.1500,
118.1980

■ 112.3380, 62.1500,
118.1980

■ 101.1850, 67.3750,
128.1350

■ 126.4260, 55.5500,
105.6460

■ 141.1010, 48.6750,
92.5710

■ 155.1890, 42.0750,
80.0190

■ 169.8640, 35.2000,
66.9440

■ 184.5390, 28.3250,
53.8690

■ 198.6270, 21.7250,
41.3170

■ 213.3020, 14.8500,
28.2420

■ 227.3900, 8.2500,
15.6900

■ 242.0650, 1.3750,
2.6150

Harmonies

Analogous

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



123.4630, -62.7740, 36.3460



112.3380, 62.1500, 118.1980



93.4590, 103.5090, 101.0210

Triad

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



112.3380, 62.1500, 118.1980



132.4560, 67.4960, -33.8160



131.4070, -123.3760, -21.7760

Complementary

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



112.3380, 62.1500, 118.1980



151.6620, -62.1500, -118.1980

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.



118.9470, -91.0470, -51.5190



112.3380, 62.1500, 118.1980



116.9320, 0.4250, -68.3030

Square

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



112.3380, 62.1500, 118.1980



125.2210, 123.8830, 7.0750



101.1920, -47.9420, -89.3340



131.2080, -129.7050, -11.6970

Rectangle

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



112.3380, 62.1500, 118.1980



86.2770, 123.7320, 81.4280



101.1920, -47.9420, -89.3340



127.1720, -112.8290, -31.2050

Sweetspot

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



112.3380, 62.1500, 118.1980



213.3230, 19.5250, 37.1330



44.7640, -72.5460, 70.2860



102.0580, 12.4210, 22.7010



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.



112.3380, 62.1500, 118.1980



105.3150, 70.1250, 133.3650



99.4560, 98.4230, 83.0550



114.9560, 3.3000, 6.2760



76.8180, 51.1500, 97.2780



24.3670, 16.2250, 30.8570

Inverse Universe

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



112.3380, 62.1500, 118.1980



105.3150, 70.1250, 133.3650



164.5440, -98.4230, -83.0550



114.9560, 3.3000, 6.2760



76.8180, 51.1500, 97.2780



24.3670, 16.2250, 30.8570

Previews

White Background



This preview shows how the YIQ color 112.3380, 62.1500, 118.1980 looks on a white background.

Color Contrast Check

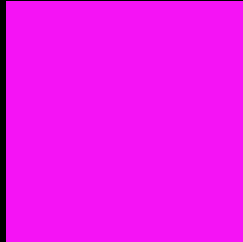
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.3380, 62.1500, 118.1980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

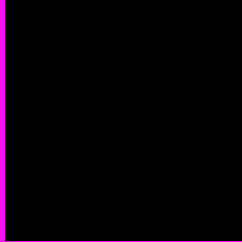
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 112.3380, 62.1500, 118.1980

Background



This preview shows how black text looks on a background with the YIQ color 112.3380, 62.1500, 118.1980.



This preview shows how white text looks on a background with the YIQ color 112.3380, 62.1500,

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

112.3380, 62.1500, 118.1980

Protanopia

134.2950, -71.5290, 24.3030

Deuteranopia

135.2880, -61.6240, 15.4960



Tritanopia

137.5650, 77.0210, 30.3730

Trichromacy



Original Color

112.3380, 62.1500, 118.1980



Protanomaly

126.5380, -22.6600, 58.2680



Deuteranomaly

126.7850, -16.2860, 52.8820



Tritanomaly

128.7370, 71.9260, 62.1500

Monochromacy



Original Color

112.3380, 62.1500, 118.1980



Achromatopsia

112.0000, -0.0000, 0.0000



Achromatomaly

111.8660, 22.5500, 42.8860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 112.3380, 62.1500, 118.1980 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, 19, 245)` looks like.

```
.text, #text, p{  
    color:rgb(245, 19, 245)  
}
```

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, 19, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 19, 245) }
```

Border

The CSS property to change the border of an element to YIQ 112.3380, 62.1500, 118.1980 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, 19, 245) }
```


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

```
.border{ border-color:rgb(245, 19, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 19, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 19, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 19, 245);  
box-shadow:4px 4px 4px 4px rgb(245, 19,  
245) }
```

Background

The CSS property to change the background color of an element to YIQ 112.3380, 62.1500, 118.1980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 19, 245) }
```

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

```
.background{ background-color: rgb(245, 19,  
245) }
```

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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