

Converting Colors

YIQ(113.1650, 60.9590,
112.2470)

Have a look what the booklet for
YIQ(113.1650, 60.9590, 112.2470)
contains.

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Color

**YIQ(113.1650, 60.9590,
112.2470)**

Conversions

Conversions Part 1

Format	Color
Hex	F118ED
RGB	241, 24, 237
RGB Percent	95%, 9%, 93%
CMY	0.0542, 0.9062, 0.0705
CMYK	0.00, 0.90, 0.02, 0.05
HSL	301°, 89%, 52%
HSV	301°, 90%, 95%
XYZ	51.9458, 25.4950, 82.3190
YIQ	113.1650, 60.9590, 112.2470

Conversions

Conversions Part 2

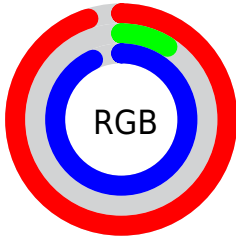
Format	Color
RYB	241, 24, 237
Decimal	15800557
CIELab	57.55, 91.75, -55.38
CIELCh	58, 107.169, 328.885
Yxy	25.4950, 0.3251, 0.1596
Android (android.graphics.Color)	4293990637 (0xFFFF118ED)
YUV	113.1650, 61.0507, 112.1113
Hunter-Lab	50.4926, 95.2755, -61.3167

Details

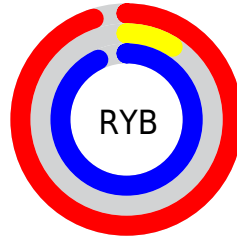
The YIQ color **113.1650, 60.9590, 112.2470** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **151.8350, -60.9590, -112.2470**, and the grayscale version is **113.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **168.1240, 40.7000, 77.4040**, and **74.3400, 49.5000, 94.1400** is the 20% darker color. If you saturate the color by 10%, you get **99.0770, 67.5590, 124.7990**, and if you desaturate by 10%, it is **127.2530, 54.3590, 99.6950**.

Distribution



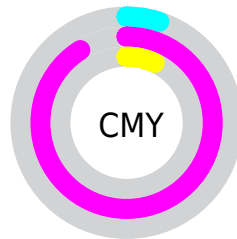
- Red (95%)
- Green (9%)
- Blue (93%)



- Red (95%)
- Yellow (9%)
- Blue (93%)



- Cyan (0%)
- Magenta (90%)
- Yellow (2%)
- Black (5%)





- Cyan (5%)
- Magenta (91%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 113.1650, 60.9590, 112.2470 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 113.1650, 60.9590, 112.2470 by changing the saturation by 10% instead.


 113.1650, 60.9590,
112.2470


 113.1650, 60.9590,
112.2470


255.0000, -0.0000,
-0.0000


 86.5020, 58.3920,
109.2080


 168.1240, 40.7000,
77.4040


 74.3400, 49.5000,
94.1400


 186.9080, 31.9000,
60.6680

 62.2920, 40.2870,
79.3830


 205.1050, 23.3750,
44.4550

 50.5430, 31.6700,
64.8380

 223.3020, 14.8500,
28.2420

 38.6090, 22.1360,
50.3920

 241.4990, 6.3250,
12.0290

 27.5010, 13.1520,
36.9920

 15.4960, 2.3800,

22.9560

■ 4.4800, -9.8590,
7.9730

■ 0.0000, 0.0000,
0.0000

■ 113.1650, 60.9590,
112.2470

■ 113.1650, 60.9590,
112.2470

■ 99.0770, 67.5590,
124.7990

■ 127.2530, 54.3590,
99.6950

■ 141.4550, 47.4380,
87.4540

■ 155.5430, 40.8380,
74.9020

■ 169.7450, 33.9170,
62.6610

184.4200, 27.0420,
49.5860

198.6220, 20.1210,
37.3450

212.7100, 13.5210,
24.7930

226.9120, 6.6000,
12.5520

241.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



124.3930, -56.5850, 39.8230



113.1650, 60.9590, 112.2470



92.8890, 105.1140, 99.4660

Triad

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



113.1650, 60.9590, 112.2470



129.7870, 65.0660, -33.8300



128.7170, -121.3130, -20.6170

Complementary

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



113.1650, 60.9590, 112.2470



151.8350, -60.9590, -112.2470

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.



117.1860, -90.2220, -49.9500



113.1650, 60.9590, 112.2470



114.5730, 0.0580, -67.1580

Square

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



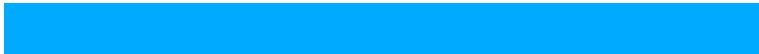
113.1650, 60.9590, 112.2470



123.7150, 119.4360, 5.0680



101.0270, -51.6110, -83.4110



129.4470, -128.8800, -10.1280

Rectangle

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



113.1650, 60.9590, 112.2470



85.9350, 124.6950, 80.4950



101.0270, -51.6110, -83.4110



125.1830, -111.3620, -30.2580

Sweetspot

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



113.1650, 60.9590, 112.2470



214.3830, 19.2960, 35.7760



49.9340, -67.2730, 68.3350



103.8190, 11.5960, 21.1320



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.



113.1650, 60.9590, 112.2470



104.7450, 71.7300, 131.8100



100.8530, 95.6270, 78.6590



112.9560, 3.3000, 6.2760



75.5360, 51.8840, 94.9880



23.0140, 15.7210, 28.9770

Inverse Universe

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



113.1650, 60.9590, 112.2470



104.7450, 71.7300, 131.8100



164.1470, -95.6270, -78.6590



112.9560, 3.3000, 6.2760



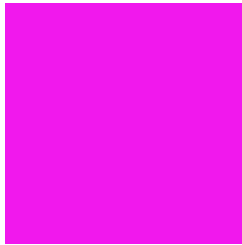
75.5360, 51.8840, 94.9880



23.0140, 15.7210, 28.9770

Previews

White Background



This preview shows how the YIQ color 113.1650, 60.9590, 112.2470 looks on a white background.

Color Contrast Check

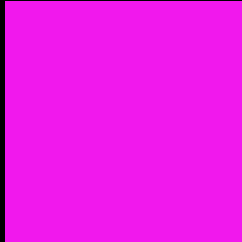
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.1650, 60.9590, 112.2470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

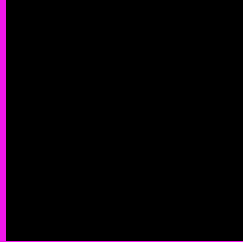
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 113.1650, 60.9590, 112.2470

Background



This preview shows how black text looks on a background with the YIQ color 113.1650, 60.9590, 112.2470.



This preview shows how white text looks on a background with the YIQ color 113.1650, 60.9590,

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

113.1650, 60.9590, 112.2470

Protanopia

130.7400, -74.2800, 24.6000

Deuteranopia

133.6260, -56.7640, 15.5240



Tritanopia

135.1520, 76.7460, 29.8500

Trichromacy



Original Color

113.1650, 60.9590, 112.2470



Protanomaly

124.4020, -25.2730, 56.0630



Deuteranomaly

125.9870, -14.0390, 50.7050



Tritanomaly

126.9710, 71.1470, 59.7470

Monochromacy



Original Color

113.1650, 60.9590, 112.2470



Achromatopsia

113.0000, -0.0000, 0.0000



Achromatomaly

113.3990, 22.3670, 40.6950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.1650, 60.9590, 112.2470 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(241, 24, 237)` looks like.

```
.text, #text, p{  
    color:rgb(241, 24, 237)  
}
```

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(241, 24, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 24, 237) }
```

Border

The CSS property to change the border of an element to YIQ 113.1650, 60.9590, 112.2470 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(241, 24, 237) }
```


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

```
.border{ border-color:rgb(241, 24, 237) }
```

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

Here you see how a box with a 4 pixel rgb(241, 24, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 24, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 24, 237);  
box-shadow:4px 4px 4px 4px rgb(241, 24,  
237) }
```

Background

The CSS property to change the background color of an element to YIQ 113.1650, 60.9590, 112.2470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 24, 237) }
```

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

```
.background{ background-color: rgb(241, 24,  
237) }
```

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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