

Converting Colors

YIQ(131.3650, 48.3520,
103.9360)

Have a look what the booklet for
YIQ(131.3650, 48.3520, 103.9360)
contains.

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Color

**YIQ(131.3650, 48.3520,
103.9360)**

Conversions

Conversions Part 1

Format	Color
Hex	F233FF
RGB	242, 51, 255
RGB Percent	95%, 20%, 100%
CMY	0.0504, 0.8003, 0.0000
CMYK	0.05, 0.80, 0.00, 0.00
HSL	296°, 100%, 60%
HSV	296°, 80%, 100%
XYZ	55.8992, 28.4842, 97.1595
YIQ	131.3650, 48.3520, 103.9360

Conversions

Conversions Part 2

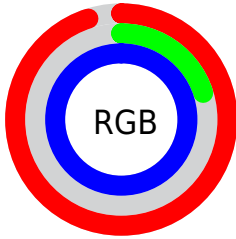
Format	Color
R _{YB}	242, 51, 255
Decimal	15873023
CIE _{Lab}	60.32, 89.93, -60.96
CIE _{LCh}	60, 108.644, 325.871
Y _{xy}	28.4842, 0.3079, 0.1569
Android (android.graphics.Color)	4294063103 (0xFFFF233FF)
YUV	131.3650, 60.9521, 97.0269
Hunter-Lab	53.3706, 93.5586, -70.5763

Details

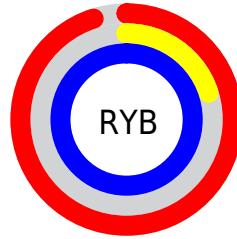
The YIQ color **131.3650, 48.3520, 103.9360** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **174.6350, -48.3520, -103.9360**, and the grayscale version is **131.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **176.3420, 36.8500, 70.0820**, and **76.5770, 44.6390, 99.6390** is the 20% darker color. If you saturate the color by 10%, you get **115.8040, 54.9060, 117.3220**, and if you desaturate by 10%, it is **146.6380, 42.6690, 91.2850**.

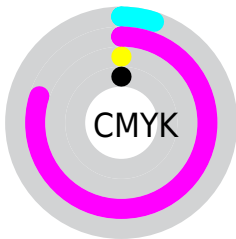
Distribution



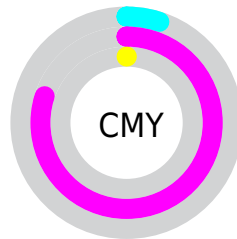
- Red (95%)
- Green (20%)
- Blue (100%)



- Red (95%)
- Yellow (20%)
- Blue (100%)



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




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

Brightness & Saturation Gradients


These gradients show how the YIQ color 131.3650, 48.3520, 103.9360 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 131.3650, 48.3520, 103.9360 by changing the saturation by 10% instead.


 131.3650, 48.3520,
103.9360


 131.3650, 48.3520,
103.9360


255.0000, -0.0000,
-0.0000


 89.1520, 53.8060,
115.2300


 176.3420, 36.8500,
70.0820


 76.5770, 44.6390,
99.6390


 194.5390, 28.3250,
53.8690

 64.4150, 35.7470,
84.5710

 212.1490, 20.0750,
38.1790

 52.6660, 27.1300,
70.0260

 230.3460, 11.5500,
21.9660

 40.7320, 17.5960,
55.5800

 247.9560, 3.3000,
6.2760

 29.8090, 9.5290,
42.0810

 17.0920, -2.1140,

27.3100

■ 4.7880, -13.4820,
13.0620

■ 2.8670, -6.6950,
5.6970

■ 131.3650, 48.3520,
103.9360

■ 131.3650, 48.3520,
103.9360

■ 115.8040, 54.9060,
117.3220

■ 146.6380, 42.6690,
91.2850

■ 100.5310, 60.5890,
129.9730

■ 162.1990, 36.1150,
77.8990

■ 177.4720, 30.4320,
65.2480

■ 193.3320, 24.4740,
52.0740

■ 208.3060, 18.1950,
39.2110

■ 224.1660, 12.2370,
26.0370

■ 239.1400, 5.9580,
13.1740

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



123.3640, -75.9770, 27.8230



131.3650, 48.3520, 103.9360



94.8270, 99.6570, 104.7530

Triad

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



131.3650, 48.3520, 103.9360



137.2180, 74.0980, -32.3180



133.4130, -123.5130, -24.8010

Complementary

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



131.3650, 48.3520, 103.9360



174.6350, -48.3520, -103.9360

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.



121.5400, -91.4590, -55.0670



131.3650, 48.3520, 103.9360



124.0750, 10.3280, -66.0560

Square

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



131.3650, 48.3520, 103.9360



127.9010, 127.7800, 8.0360



103.3120, -48.4000, -92.0480



134.7300, -131.3550, -14.8350

Rectangle

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



131.3650, 48.3520, 103.9360



87.6450, 119.8800, 85.1600



103.3120, -48.4000, -92.0480



129.7650, -113.2410, -34.7530

Sweetspot

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



131.3650, 48.3520, 103.9360



217.9970, 14.3910, 31.0550



82.4740, -69.3340, 56.1220



105.3840, 8.3870, 18.7150



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.



131.3650, 48.3520, 103.9360



106.7000, 58.4350, 124.9550



125.2200, 84.3480, 79.3240



120.0700, 2.9790, 6.5870



75.2950, 45.3730, 97.3490



25.2360, 15.2160, 32.6240

Inverse Universe

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



113.4780, 117.4110, 47.2910



85.0790, 140.8840, 56.9160



180.7800, -84.3480, -79.3240



119.0010, 7.4270, 3.0670



58.4770, 109.9840, 44.2240



19.5920, 36.8600, 14.8120

Previews

White Background



This preview shows how the YIQ color 131.3650, 48.3520, 103.9360 looks on a white background.

Color Contrast Check

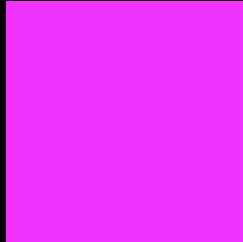
Large Text (above 18pt) WCAG AA ✓ Pass

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 131.3650, 48.3520, 103.9360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

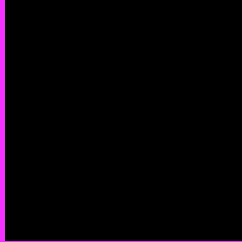
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 131.3650, 48.3520, 103.9360

Background



This preview shows how black text looks on a background with the YIQ color 131.3650, 48.3520, 103.9360.



This preview shows how white text looks on a background with the YIQ color 131.3650, 48.3520,

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

131.3650, 48.3520, 103.9360

Protanopia

139.6330, -66.6690, 24.3310

Deuteranopia

137.9930, -68.0430, 16.1890



Tritanopia

144.1940, 67.7600, 27.5040

Trichromacy



Original Color

131.3650, 48.3520, 103.9360



Protanomaly

136.7070, -24.8140, 53.2500



Deuteranomaly

135.3600, -25.4550, 48.3450



Tritanomaly

139.4750, 60.7400, 55.6200

Monochromacy



Original Color

131.3650, 48.3520, 103.9360



Achromatopsia

131.0000, -0.0000, -0.0000



Achromatomaly

131.0670, 17.3700, 37.6420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 131.3650, 48.3520, 103.9360 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(242, 51, 255)` looks like.

```
.text, #text, p{  
    color:rgb(242, 51, 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(242, 51, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 51, 255) }
```

Border

The CSS property to change the border of an element to YIQ 131.3650, 48.3520, 103.9360 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(242, 51, 255) }
```


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

```
.border{ border-color:rgb(242, 51, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 51, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 51, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 51, 255);  
box-shadow:4px 4px 4px 4px rgb(242, 51,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 131.3650, 48.3520, 103.9360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 51, 255) }
```

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

```
.background{ background-color: rgb(242, 51,  
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](#).

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