

Converting Colors

YIQ(164.3540, 36.5760, 64.0320)

Have a look what the booklet for
YIQ(164.3540, 36.5760, 64.0320)
contains.

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Color

**YIQ(164.3540, 36.5760,
64.0320)**

Conversions

Conversions Part 1

Format	Color
Hex	EF71E9
RGB	239, 113, 233
RGB Percent	94%, 44%, 91%
CMY	0.0624, 0.5570, 0.0862
CMYK	0.00, 0.53, 0.03, 0.06
HSL	303°, 80%, 69%
HSV	303°, 53%, 94%
XYZ	56.2380, 36.0498, 81.0950
YIQ	164.3540, 36.5760, 64.0320

Conversions

Conversions Part 2

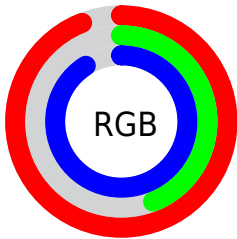
Format	Color
R _Y B	239, 113, 233
Decimal	15692265
CIE Lab	66.56, 63.91, -38.95
CIE LCh	67, 74.840, 328.639
Yxy	36.0498, 0.3244, 0.2079
Android (android.graphics.Color)	4293882345 (0xFFEF71E9)
YUV	164.3540, 33.8425, 65.4645
Hunter-Lab	60.0415, 62.1198, -38.0510

Details

The YIQ color **164.3540, 36.5760, 64.0320** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **187.6460, -36.5760, -64.0320**, and the grayscale version is **164.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **204.5180, 23.6500, 44.9780**, and **106.2830, 35.3380, 64.4420** is the 20% darker color. If you saturate the color by 10%, you get **150.1520, 43.4970, 76.2730**, and if you desaturate by 10%, it is **178.5560, 29.6550, 51.7910**.

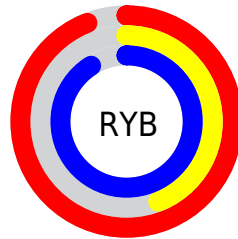
Distribution



Red (94%)

Green (44%)

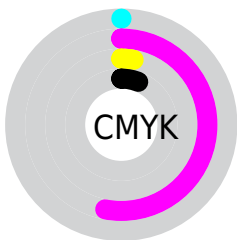
Blue (91%)



Red (94%)

Yellow (44%)

Blue (91%)

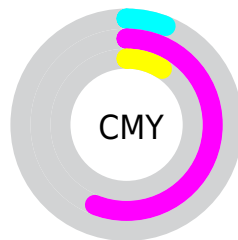


Cyan (0%)

Magenta (53%)

Yellow (3%)

Black (6%)



Cyan (6%)


Magenta (56%)

Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 164.3540, 36.5760, 64.0320 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 164.3540, 36.5760, 64.0320 by changing the saturation by 10% instead.


 164.3540, 36.5760,
64.0320


 164.3540, 36.5760,
64.0320


255.0000, -0.0000,
-0.0000

 135.7560, 35.3840,
63.6080


 204.5180, 23.6500,
44.9780


 106.2830, 35.3380,
64.4420


 221.5410, 15.6750,
29.8110

 73.1140, 37.4920,
69.4600

 238.5640, 7.7000,
14.6440

 51.2120, 34.1000,
64.8520

 39.8760, 25.7580,
50.8300

 29.0670, 17.3700,
37.6420

 18.9700, 9.8530,

25.1890

■ 3.1920, -8.9880,
8.7080

■ 0.0000, 0.0000,
0.0000

■ 164.3540, 36.5760,
64.0320

■ 164.3540, 36.5760,
64.0320

■ 150.1520, 43.4970,
76.2730

■ 178.5560, 29.6550,
51.7910

■ 135.9500, 50.4180,
88.5140

■ 192.7580, 22.7340,
39.5500

■ 121.7480, 57.3390,
100.7550

■ 206.9600, 15.8130,
27.3090

■ 107.4320, 64.5810,
112.6850

■ 221.2760, 8.5710,
15.3790

97.4530, 69.2560,
121.5760

235.4780, 1.6500,
3.1380

248.5060, -4.7210,
-8.0570

248.6200, -5.0420,
-7.7460

248.7340, -5.3630,
-7.4350

248.8480, -5.6840,
-7.1240

Harmonies

Analogous

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



159.6330, -31.1380, 35.6940



164.3540, 36.5760, 64.0320



148.8140, 73.0270, 58.7150

Triad

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



164.3540, 36.5760, 64.0320



151.3500, 73.3660, -41.0820



138.3540, -125.0250, -30.4410

Complementary

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



164.3540, 36.5760, 64.0320



187.6460, -36.5760, -64.0320

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.



130.6020, -103.1970, -51.5890



164.3540, 36.5760, 64.0320



144.5930, 23.6690, -60.0350

Square

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



164.3540, 36.5760, 64.0320



155.4240, 98.0260, -3.3980



119.6870, -79.3520, -70.7440



138.2520, -133.0050, -17.9730

Rectangle

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



164.3540, 36.5760, 64.0320



145.4450, 86.6470, 43.1510



119.6870, -79.3520, -70.7440



136.4330, -118.2380, -37.8060

Sweetspot

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



164.3540, 36.5760, 64.0320



230.7050, 11.9170, 20.8210



128.5600, -38.0620, 40.0340



113.0970, 7.5170, 12.4530



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.



164.3540, 36.5760, 64.0320



159.5810, 46.8430, 81.7150



157.4000, 56.1570, 45.0610



112.8420, 3.6210, 5.9650



74.9660, 53.4890, 93.4330



22.7860, 16.3630, 28.3550

Inverse Universe

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



164.3540, 36.5760, 64.0320



159.5810, 46.8430, 81.7150



194.6000, -56.1570, -45.0610



112.8420, 3.6210, 5.9650



74.9660, 53.4890, 93.4330



22.7860, 16.3630, 28.3550

Previews

White Background



This preview shows how the YIQ color 164.3540, 36.5760, 64.0320 looks on a white background.

Color Contrast Check

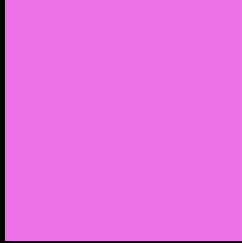
Large Text (above 18pt) WCAG AA × Fail

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 164.3540, 36.5760, 64.0320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

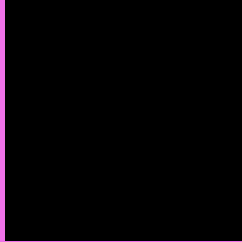
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 164.3540, 36.5760, 64.0320

Background



This preview shows how black text looks on a background with the YIQ color 164.3540, 36.5760, 64.0320.



This preview shows how white text looks on a background with the YIQ color 164.3540, 36.5760,

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

164.3540, 36.5760, 64.0320

Protanopia

160.0770, -50.4840, 22.8600

Deuteranopia

161.7290, -32.1890, 16.1870



Tritanopia

164.2460, 52.8140, 23.0380

Trichromacy



Original Color

164.3540, 36.5760, 64.0320



Protanomaly

161.4450, -18.8050, 37.9550



Deuteranomaly

162.8560, -7.0210, 33.6430



Tritanomaly

164.3940, 47.1260, 38.0220

Monochromacy



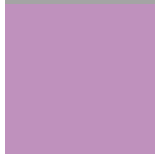
Original Color

164.3540, 36.5760, 64.0320



Achromatopsia

164.0000, 0.0000, -0.0000



Achromatomaly

163.7700, 13.2920, 23.4360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 164.3540, 36.5760, 64.0320 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(239, 113, 233)` looks like.

```
.text, #text, p{  
    color:rgb(239, 113, 233)  
}
```

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(239, 113, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 113, 233) }
```

Border

The CSS property to change the border of an element to YIQ 164.3540, 36.5760, 64.0320 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(239, 113, 233) }
```


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

```
.border{ border-color:rgb(239, 113, 233) }
```

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

Here you see how a box with a 4 pixel rgb(239, 113, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 113, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 113, 233);  
box-shadow:4px 4px 4px 4px rgb(239, 113,  
233) }
```

Background

The CSS property to change the background color of an element to YIQ 164.3540, 36.5760, 64.0320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 113, 233) }
```

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

```
.background{ background-color: rgb(239,  
113, 233) }
```

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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