

Converting Colors

YIQ(164.3630, 32.3570, 68.9090)

Have a look what the booklet for
YIQ(164.3630, 32.3570, 68.9090)
contains.

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Color

**YIQ(164.3630, 32.3570,
68.9090)**

Conversions

Conversions Part 1

Format	Color
Hex	EE6FF6
RGB	238, 111, 246
RGB Percent	93%, 44%, 96%
CMY	0.0663, 0.5649, 0.0353
CMYK	0.03, 0.55, 0.00, 0.04
HSL	296°, 88%, 70%
HSV	296°, 55%, 96%
XYZ	57.6071, 36.2057, 91.1458
YIQ	164.3630, 32.3570, 68.9090

Conversions

Conversions Part 2

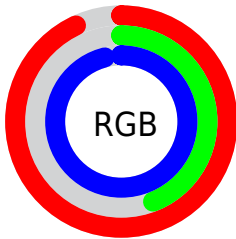
Format	Color
R _{YB}	238, 111, 246
Decimal	15626230
CIE _{Lab}	66.68, 66.77, -45.94
CIE _{LCh}	67, 81.052, 325.470
Yxy	36.2057, 0.3115, 0.1958
Android (android.graphics.Color)	4293816310 (0xFFEE6FF6)
YUV	164.3630, 40.2470, 64.5796
Hunter-Lab	60.1712, 65.5941, -47.6912

Details

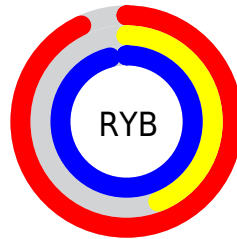
The YIQ color **164.3630, 32.3570, 68.9090** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **192.6370, -32.3570, -68.9090**, and the grayscale version is **164.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **203.9310, 23.9250, 45.5010**, and **105.5910, 31.7150, 69.5310** is the 20% darker color. If you saturate the color by 10%, you get **149.3890, 38.6360, 81.7720**, and if you desaturate by 10%, it is **179.6360, 26.6740, 56.2580**.

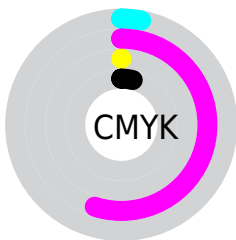
Distribution



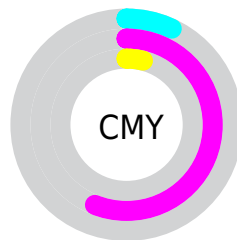
- Red (93%)
- Green (44%)
- Blue (96%)



- Red (93%)
- Yellow (44%)
- Blue (96%)



- Cyan (3%)
- Magenta (55%)
- Yellow (0%)
- Black (4%)





- Cyan (7%)
- Magenta (56%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 164.3630, 32.3570, 68.9090 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 164.3630, 32.3570, 68.9090 by changing the saturation by 10% instead.


 164.3630, 32.3570,
68.9090


 164.3630, 32.3570,
68.9090


255.0000, -0.0000,
-0.0000

 135.0640, 31.7610,
68.6970


 203.9310, 23.9250,
45.5010


 105.5910, 31.7150,
69.5310


 220.9540, 15.9500,
30.3340

 70.0740, 34.9690,
76.6410

 237.9770, 7.9750,
15.1670

 51.8680, 29.3770,
67.8490

 40.8310, 21.6310,
54.0390

 29.6090, 12.9680,
40.3280

 19.3980, 5.7720,

27.5640

■ 4.2180, -11.8770,
11.5070

■ 2.1830, -4.7690,
3.8310

■ 164.3630, 32.3570,
68.9090

■ 164.3630, 32.3570,
68.9090

■ 149.3890, 38.6360,
81.7720

■ 179.6360, 26.6740,
56.2580

■ 134.7030, 44.0440,
93.9000

■ 194.0230, 20.6700,
43.9180

■ 119.7290, 50.3230,
106.7630

■ 208.9970, 14.3910,
31.0550

■ 105.0430, 55.7310,
118.8910

■ 223.6830, 8.9830,
18.9270

97.4120, 59.3060,
125.6900

238.6570, 2.7040,
6.0640

251.5820, -1.8790,
-4.4950

251.8810, -1.2830,
-4.2830

252.4790, -0.0910,
-3.8590

252.7780, 0.5050,
-3.6470

Harmonies

Analogous

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



156.0120, -42.6910, 30.3090



164.3630, 32.3570, 68.9090



143.9700, 72.8880, 66.7440

Triad

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



164.3630, 32.3570, 68.9090



151.9810, 78.9590, -37.8170



139.8870, -125.2080, -32.6320

Complementary

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



164.3630, 32.3570, 68.9090



192.6370, -32.3570, -68.9090

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.



130.7500, -100.8580, -55.4340



164.3630, 32.3570, 68.9090



143.3780, 31.4640, -63.6400

Square

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



164.3630, 32.3570, 68.9090



152.9090, 106.9660, -0.2180



118.6780, -75.1330, -75.6210



140.0130, -133.8300, -19.5420

Rectangle

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



164.3630, 32.3570, 68.9090



138.9710, 88.3420, 50.9820



118.6780, -75.1330, -75.6210



137.1510, -117.5040, -40.0960

Sweetspot

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



164.3630, 32.3570, 68.9090



230.3350, 10.0830, 21.0190



131.6730, -45.8100, 37.2780



112.7270, 5.6830, 12.6510



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.



164.3630, 32.3570, 68.9090



153.3940, 40.2400, 85.7440



160.0290, 56.0640, 52.2560



114.9560, 3.3000, 6.2760



73.5290, 44.5940, 94.9460



23.1710, 13.8410, 30.0090

Inverse Universe

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



152.2770, 77.8920, 31.1080



138.3720, 96.9180, 38.7260



196.8570, -55.7430, -52.5670



113.7020, 6.8310, 2.8550



56.8680, 107.3250, 42.8530



17.9830, 34.2010, 13.4410

Previews

White Background



This preview shows how the YIQ color 164.3630, 32.3570, 68.9090 looks on a white background.

Color Contrast Check

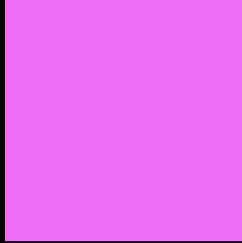
Large Text (above 18pt) WCAG AA × Fail

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 164.3630, 32.3570, 68.9090 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 164.3630, 32.3570, 68.9090

Background



This preview shows how black text looks on a background with the YIQ color 164.3630, 32.3570, 68.9090.



This preview shows how white text looks on a background with the YIQ color 164.3630, 32.3570,

68.9090.

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

164.3630, 32.3570, 68.9090

Protanopia

160.6640, -50.7590, 22.3370

Deuteranopia

160.6940, -42.2760, 17.2760



Tritanopia

164.7510, 49.8340, 21.9780

Trichromacy



Original Color

164.3630, 32.3570, 68.9090



Protanomaly

162.0150, -20.4100, 39.5100



Deuteranomaly

162.1310, -15.0450, 35.8910



Tritanomaly

164.7680, 43.1370, 38.7290

Monochromacy



Original Color

164.3630, 32.3570, 68.9090



Achromatopsia

164.0000, 0.0000, -0.0000



Achromatomaly

164.3400, 11.6870, 24.9910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 164.3630, 32.3570, 68.9090 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(238, 111, 246)` looks like.

```
.text, #text, p{  
    color:rgb(238, 111, 246)  
}
```

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(238, 111, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 111, 246) }
```

Border

The CSS property to change the border of an element to YIQ 164.3630, 32.3570, 68.9090 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(238, 111, 246) }
```


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

```
.border{ border-color:rgb(238, 111, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 111, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 111, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 111, 246);  
box-shadow:4px 4px 4px 4px rgb(238, 111,  
246) }
```

Background

The CSS property to change the background color of an element to YIQ 164.3630, 32.3570, 68.9090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 111, 246) }
```

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

```
.background{ background-color: rgb(238,  
111, 246) }
```

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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