

Converting Colors

YIQ(175.1820, 33.6440, 51.0840)

Have a look what the booklet for
YIQ(175.1820, 33.6440, 51.0840)
contains.

YIQ(175.1820, 33.6440, 51.0840)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(175.1820, 33.6440,
51.0840)**

Conversions

Conversions Part 1

Format	Color
Hex	EF85E1
RGB	239, 133, 225
RGB Percent	94%, 52%, 88%
CMY	0.0624, 0.4786, 0.1176
CMYK	0.00, 0.44, 0.06, 0.06
HSL	308°, 77%, 73%
HSV	308°, 44%, 94%
XYZ	57.5975, 40.5645, 76.0395
YIQ	175.1820, 33.6440, 51.0840

Conversions

Conversions Part 2

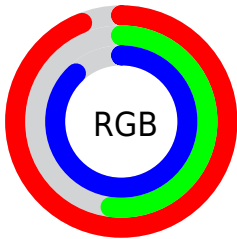
Format	Color
R _Y B	239, 133, 225
Decimal	15697377
CIE Lab	69.87, 52.99, -29.39
CIE LCh	70, 60.592, 330.984
Yxy	40.5645, 0.3306, 0.2329
Android (android.graphics.Color)	4293887457 (0xFFEF85E1)
YUV	175.1820, 24.5603, 55.9684
Hunter-Lab	63.6903, 49.9663, -26.2029

Details

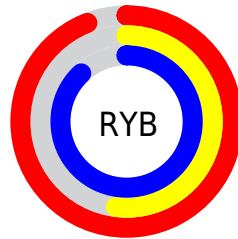
The YIQ color **175.1820, 33.6440, 51.0840** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **196.8180, -33.6440, -51.0840**, and the grayscale version is **175.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **216.2580, 18.1500, 34.5180**, and **119.7580, 31.9020, 49.6140** is the 20% darker color. If you saturate the color by 10%, you get **160.7520, 41.2070, 62.7030**, and if you desaturate by 10%, it is **189.6120, 26.0810, 39.4650**.

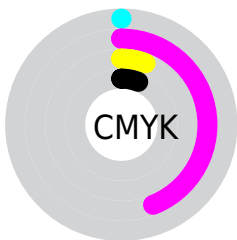
Distribution



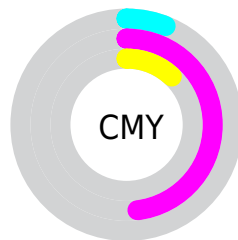
- Red (94%)
- Green (52%)
- Blue (88%)



- Red (94%)
- Yellow (52%)
- Blue (88%)



- Cyan (0%)
- Magenta (44%)
- Yellow (6%)
- Black (6%)





- Cyan (6%)
- Magenta (48%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 175.1820, 33.6440, 51.0840 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 175.1820, 33.6440, 51.0840 by changing the saturation by 10% instead.

 175.1820, 33.6440,
51.0840


 175.1820, 33.6440,
51.0840


255.0000, -0.0000,
-0.0000


 147.4700, 32.7730,
50.3490


 216.2580, 18.1500,
34.5180


 119.7580, 31.9020,
49.6140


 232.6940, 10.4500,
19.8740

 92.5730, 30.9850,
49.7130

 249.7170, 2.4750,
4.7070

 62.4530, 31.4430,
52.4270

 40.0890, 29.4720,
49.6000

 29.2800, 21.0840,
36.4120

 20.1940, 15.0340,

24.9060

■ 6.0250, -1.1480,
9.7960

■ 0.0000, 0.0000,
0.0000

■ 175.1820, 33.6440,
51.0840

■ 175.1820, 33.6440,
51.0840

■ 160.7520, 41.2070,
62.7030

■ 189.6120, 26.0810,
39.4650

■ 146.3220, 48.7700,
74.3220

■ 204.0420, 18.5180,
27.8460

■ 131.8920, 56.3330,
85.9410

■ 218.5860, 10.6340,
16.5380

■ 117.3480, 64.2170,
97.2490

■ 233.0160, 3.0710,
4.9190

102.9180, 71.7800,
108.8680

247.4460, -4.4920,
-6.7000

95.0590, 75.9970,
115.0450

248.9620, -6.0050,
-6.8130

249.3040, -6.9680,
-5.8800

249.6460, -7.9310,
-4.9470

250.1020, -9.2150,
-3.7030

Harmonies

Analogous

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



172.3800, -20.1800, 35.3400



175.1820, 33.6440, 51.0840



166.7660, 63.8140, 43.9580

Triad

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



175.1820, 33.6440, 51.0840



164.6320, 55.4370, -30.0270



141.4030, -126.7210, -32.7450

Complementary

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



175.1820, 33.6440, 51.0840



196.8180, -33.6440, -51.0840

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.



135.1330, -109.0660, -49.8500



175.1820, 33.6440, 51.0840



158.7450, 12.1580, -44.1460

Square

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



175.1820, 33.6440, 51.0840



167.6700, 79.7780, -3.0860



145.2380, -52.4420, -51.8180



140.6000, -134.1050, -20.0650

Rectangle

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



175.1820, 33.6440, 51.0840



164.4230, 74.5450, 31.1930



145.2380, -52.4420, -51.8180



139.3510, -120.9430, -38.3430

Sweetspot

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



175.1820, 33.6440, 51.0840



235.1730, 10.3590, 16.0150



148.6720, -26.8740, 35.5100



115.3310, 6.7380, 10.0500



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.



175.1820, 33.6440, 51.0840



173.7030, 42.9030, 65.0070



169.3680, 50.0150, 35.2230



112.7280, 3.9420, 5.6540



73.1420, 58.6250, 88.4570



22.3300, 17.6470, 27.1110

Inverse Universe

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



175.1820, 33.6440, 51.0840



173.7030, 42.9030, 65.0070



202.6320, -50.0150, -35.2230



112.7280, 3.9420, 5.6540



73.1420, 58.6250, 88.4570



22.3300, 17.6470, 27.1110

Previews

White Background



This preview shows how the YIQ color 175.1820, 33.6440, 51.0840 looks on a white background.

Color Contrast Check

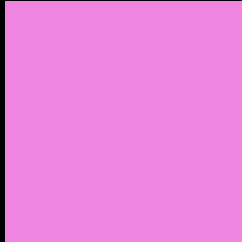
Large Text (above 18pt) WCAG AA × Fail

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 175.1820, 33.6440, 51.0840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

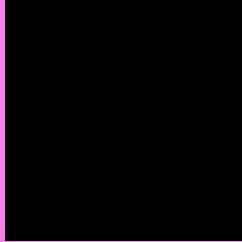
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 175.1820, 33.6440, 51.0840

Background



This preview shows how black text looks on a background with the YIQ color 175.1820, 33.6440, 51.0840.



This preview shows how white text looks on a background with the YIQ color 175.1820, 33.6440,

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

175.1820, 33.6440, 51.0840

Protanopia

170.1010, -41.8640, 20.8240

Deuteranopia

172.3190, -19.3510, 14.8010



Tritanopia

173.3700, 46.5330, 21.2290

Trichromacy



Original Color

175.1820, 33.6440, 51.0840



Protanomaly

171.7950, -14.2190, 31.9330



Deuteranomaly

173.2880, 0.2700, 28.1580



Tritanomaly

174.0680, 41.9920, 31.9440

Monochromacy



Original Color

175.1820, 33.6440, 51.0840



Achromatopsia

175.0000, -0.0000, -0.0000



Achromatomaly

175.1240, 12.0550, 18.3190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 175.1820, 33.6440, 51.0840 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, 133, 225)` looks like.

```
.text, #text, p{  
    color:rgb(239, 133, 225)  
}
```

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, 133, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 133, 225) }
```

Border

The CSS property to change the border of an element to YIQ 175.1820, 33.6440, 51.0840 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, 133, 225) }
```


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

```
.border{ border-color:rgb(239, 133, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 133, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 133, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 133, 225);  
box-shadow:4px 4px 4px 4px rgb(239, 133,  
225) }
```

Background

The CSS property to change the background color of an element to YIQ 175.1820, 33.6440, 51.0840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 133, 225) }
```

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

```
.background{ background-color: rgb(239,  
133, 225) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor