

Converting Colors

YIQ(175.1390, 44.3710, 60.4270)

Have a look what the booklet for
YIQ(175.1390, 44.3710, 60.4270)
contains.

YIQ(175.1390, 44.3710, 60.4270)	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(175.1390, 44.3710,
60.4270)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7CE5
RGB	255, 124, 229
RGB Percent	100%, 49%, 90%
CMY	0.0000, 0.5139, 0.1019
CMYK	0.00, 0.51, 0.10, 0.00
HSL	312°, 100%, 74%
HSV	312°, 51%, 100%
XYZ	62.5870, 41.3201, 78.8233
YIQ	175.1390, 44.3710, 60.4270

Conversions

Conversions Part 2

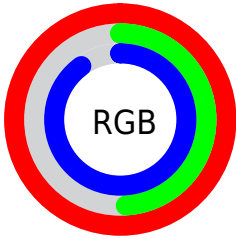
Format	Color
R _Y B	255, 124, 229
Decimal	16743653
CIE _{Lab}	70.40, 62.58, -30.62
CIE _{LCh}	70, 69.672, 333.932
Y _{xy}	41.3201, 0.3425, 0.2261
Android (android.graphics.Color)	4294933733 (0xFFFF7CE5)
YUV	175.1390, 26.5535, 70.0381
Hunter-Lab	64.2807, 61.3057, -27.7071

Details

The YIQ color **175.1390, 44.3710, 60.4270** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **203.8610, -44.3710, -60.4270**, and the grayscale version is **175.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **211.5620, 20.3500, 38.7020**, and **117.6550, 42.8580, 60.3140** is the 20% darker color. If you saturate the color by 10%, you get **159.3070, 53.1260, 72.4700**, and if you desaturate by 10%, it is **190.3840, 35.8910, 48.9070**.

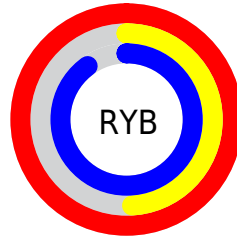
Distribution



Red (100%)

Green (49%)

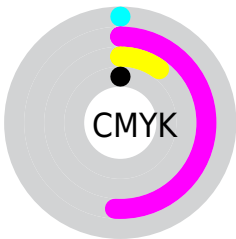
Blue (90%)



Red (100%)

Yellow (49%)

Blue (90%)

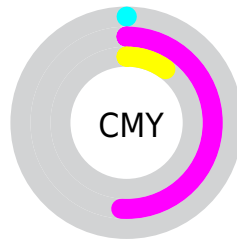


Cyan (0%)

Magenta (51%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (51%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 175.1390, 44.3710, 60.4270 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 175.1390, 44.3710, 60.4270 by changing the saturation by 10% instead.


 175.1390, 44.3710,
60.4270


 175.1390, 44.3710,
60.4270


255.0000, -0.0000,
-0.0000


 146.5410, 43.1790,
60.0030


 211.5620, 20.3500,
38.7020


 117.6550, 42.8580,
60.3140


 228.5850, 12.3750,
23.5350

 87.1220, 43.0410,
62.5050

 245.6080, 4.4000,
8.3680

 54.9420, 43.7280,
66.5760

 44.0190, 35.6610,
53.0770

 32.9110, 26.6770,
39.6770

 23.2270, 19.4350,

27.7470

■ 11.4500, 8.0210,
14.3330

■ 0.0000, 0.0000,
0.0000

■ 175.1390, 44.3710,
60.4270

■ 175.1390, 44.3710,
60.4270

■ 159.3070, 53.1260,
72.4700

■ 190.3840, 35.8910,
48.9070

■ 144.0620, 61.6060,
83.9900

■ 206.2160, 27.1360,
36.8640

■ 128.2300, 70.3610,
96.0330

■ 221.4610, 18.6560,
25.3440

■ 112.9850, 78.8410,
107.5530

■ 237.2930, 9.9010,
13.3010

■ 99.5010, 86.4960,
117.5040

■ 252.5380, 1.4210,
1.7810

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.



173.3100, -13.9910, 38.8170



175.1390, 44.3710, 60.4270



159.7390, 68.4440, 48.1560

Triad

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



175.1390, 44.3710, 60.4270



162.3040, 61.8120, -40.9400



145.4610, -132.6360, -30.1720

Complementary

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



175.1390, 44.3710, 60.4270



203.8610, -44.3710, -60.4270

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.



138.9800, -113.0090, -49.9770



175.1390, 44.3710, 60.4270



156.6100, 7.8040, -53.3480

Square

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



175.1390, 44.3710, 60.4270



166.7710, 89.4990, -8.5570



129.2220, -91.0440, -68.1000



142.3610, -134.9300, -21.6340

Rectangle

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



175.1390, 44.3710, 60.4270



158.5870, 79.9550, 32.2670



129.2220, -91.0440, -68.1000



143.8820, -126.8120, -36.6040

Sweetspot

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



175.1390, 44.3710, 60.4270



231.7820, 13.0180, 17.3860



146.1100, -27.7470, 45.8290



113.9290, 7.9300, 10.4740



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.



175.1390, 44.3710, 60.4270



158.7200, 53.4010, 72.9930



167.8430, 64.9150, 40.5230



120.0270, 4.5380, 5.8660



74.5510, 64.7230, 88.0750



24.9500, 21.7730, 29.4290

Inverse Universe

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



175.1390, 44.3710, 60.4270



158.7200, 53.4010, 72.9930



211.1570, -64.9150, -40.5230



120.0270, 4.5380, 5.8660



74.5510, 64.7230, 88.0750



24.9500, 21.7730, 29.4290

Previews

White Background



This preview shows how the YIQ color 175.1390, 44.3710, 60.4270 looks on a white background.

Color Contrast Check

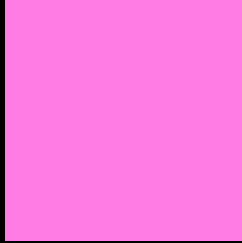
Large Text (above 18pt) WCAG AA × Fail

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 175.1390, 44.3710, 60.4270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

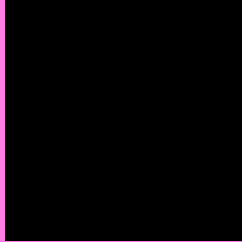
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 175.1390, 44.3710, 60.4270

Background



This preview shows how black text looks on a background with the YIQ color 175.1390, 44.3710, 60.4270.



This preview shows how white text looks on a background with the YIQ color 175.1390, 44.3710,

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

175.1390, 44.3710, 60.4270

Protanopia

171.6170, -43.3770, 20.7110

Deuteranopia

173.1340, -20.2680, 14.9000



Tritanopia

174.2360, 58.7740, 25.1580

Trichromacy



Original Color

175.1390, 44.3710, 60.4270



Protanomaly

172.8710, -11.3770, 35.4950



Deuteranomaly

173.9510, 2.8370, 31.1970



Tritanomaly

174.2160, 53.4990, 38.1630

Monochromacy



Original Color

175.1390, 44.3710, 60.4270



Achromatopsia

175.0000, -0.0000, -0.0000



Achromatomaly

174.7980, 16.0890, 22.3050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 175.1390, 44.3710, 60.4270 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(255, 124, 229)` looks like.

```
.text, #text, p{  
    color:rgb(255, 124, 229)  
}
```

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(255, 124, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 124, 229) }
```

Border

The CSS property to change the border of an element to YIQ 175.1390, 44.3710, 60.4270 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(255, 124, 229) }
```


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

```
.border{ border-color:rgb(255, 124, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 124, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 124, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 124, 229);  
box-shadow:4px 4px 4px 4px rgb(255, 124,  
229) }
```

Background

The CSS property to change the background color of an element to YIQ 175.1390, 44.3710, 60.4270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 124, 229) }
```

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

```
.background{ background-color: rgb(255,  
124, 229) }
```

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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