

Converting Colors

YIQ(175.5950, 43.0870, 61.6710)

Have a look what the booklet for
YIQ(175.5950, 43.0870, 61.6710)
contains.

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Color

**YIQ(175.5950, 43.0870,
61.6710)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7CE9
RGB	255, 124, 233
RGB Percent	100%, 49%, 91%
CMY	0.0000, 0.5139, 0.0862
CMYK	0.00, 0.51, 0.09, 0.00
HSL	310°, 100%, 74%
HSV	310°, 51%, 100%
XYZ	63.1519, 41.5460, 81.7980
YIQ	175.5950, 43.0870, 61.6710

Conversions

Conversions Part 2

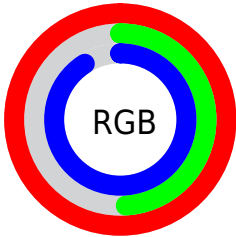
Format	Color
R _Y B	255, 124, 233
Decimal	16743657
CIE Lab	70.56, 63.21, -32.58
CIE LCh	71, 71.112, 332.735
Yxy	41.5460, 0.3386, 0.2228
Android (android.graphics.Color)	4294933737 (0xFFFF7CE9)
YUV	175.5950, 28.3007, 69.6382
Hunter-Lab	64.4562, 62.0896, -30.1225

Details

The YIQ color **175.5950, 43.0870, 61.6710** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **203.4050, -43.0870, -61.6710**, 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 **118.1110, 41.5740, 61.5580** is the 20% darker color. If you saturate the color by 10%, you get **159.8770, 51.5210, 74.0250**, and if you desaturate by 10%, it is **190.7260, 34.9280, 49.8400**.

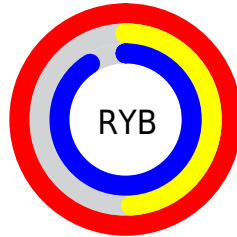
Distribution



Red (100%)

Green (49%)

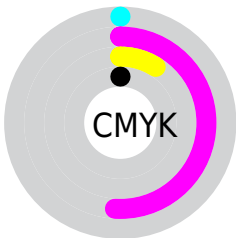
Blue (91%)



Red (100%)

Yellow (49%)

Blue (91%)

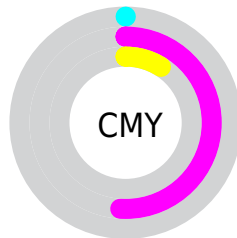


Cyan (0%)

Magenta (51%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (51%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 175.5950, 43.0870, 61.6710 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 175.5950, 43.0870, 61.6710 by changing the saturation by 10% instead.


 175.5950, 43.0870,
61.6710


 175.5950, 43.0870,
61.6710


255.0000, -0.0000,
-0.0000


 146.9970, 41.8950,
61.2470


 211.5620, 20.3500,
38.7020


 118.1110, 41.5740,
61.5580


 228.5850, 12.3750,
23.5350

 87.5780, 41.7570,
63.7490

 245.6080, 4.4000,
8.3680

 55.3980, 42.4440,
67.8200

 44.4750, 34.3770,
54.3210

 33.2530, 25.7140,
40.6100

 23.5690, 18.4720,

28.6800

■ 11.9770, 7.9750,
15.1670

■ 0.0000, 0.0000,
0.0000

■ 175.5950, 43.0870,
61.6710

■ 175.5950, 43.0870,
61.6710

■ 159.8770, 51.5210,
74.0250

■ 190.7260, 34.9280,
49.8400

■ 144.6320, 60.0010,
85.5450

■ 206.5580, 26.1730,
37.7970

■ 128.9140, 68.4350,
97.8990

■ 221.6890, 18.0140,
25.9660

■ 113.7830, 76.5940,
109.7300

■ 237.4070, 9.5800,
13.6120

100.4130, 83.9280,
119.9920

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.



172.7010, -16.6500, 37.4460



175.5950, 43.0870, 61.6710



159.4940, 67.7560, 49.6120

Triad

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



175.5950, 43.0870, 61.6710



161.8160, 66.1220, -41.9580



146.0480, -132.9110, -30.6950

Complementary

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



175.5950, 43.0870, 61.6710



203.4050, -43.0870, -61.6710

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.



139.3390, -112.6420, -51.1220



175.5950, 43.0870, 61.6710



156.6380, 10.6010, -54.4790

Square

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



175.5950, 43.0870, 61.6710



167.3800, 92.1580, -7.1860



129.3530, -90.0350, -69.8670



143.5350, -135.4800, -22.6800

Rectangle

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



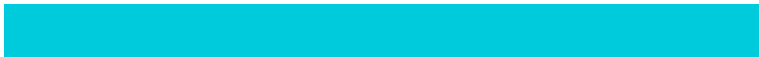
175.5950, 43.0870, 61.6710



157.6410, 79.8630, 33.9350



129.3530, -90.0350, -69.8670



144.3550, -126.7660, -37.4380

Sweetspot

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



175.5950, 43.0870, 61.6710



232.0100, 12.3760, 18.0080



145.5120, -28.9390, 45.4050



114.0430, 7.6090, 10.7850



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.



175.5950, 43.0870, 61.6710



159.1760, 52.1170, 74.2370



168.1850, 63.9520, 41.4560



120.0270, 4.5380, 5.8660



75.2350, 62.7970, 89.9410



25.1780, 21.1310, 30.0510

Inverse Universe

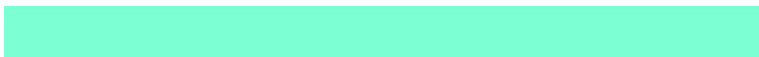
The Inverse Universe completely reimagines the original color for something new.



175.5950, 43.0870, 61.6710



159.1760, 52.1170, 74.2370



210.8150, -63.9520, -41.4560



120.0270, 4.5380, 5.8660



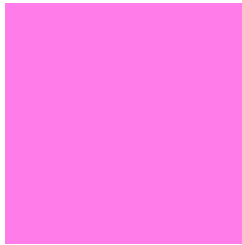
75.2350, 62.7970, 89.9410



25.1780, 21.1310, 30.0510

Previews

White Background



This preview shows how the YIQ color 175.5950, 43.0870, 61.6710 looks on a white background.

Color Contrast Check

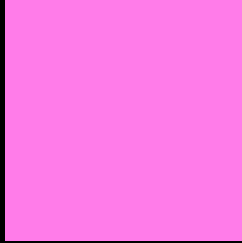
Large Text (above 18pt) WCAG AA × Fail

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 175.5950, 43.0870, 61.6710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

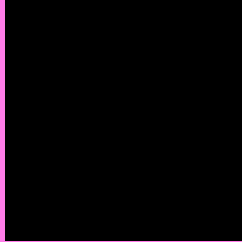
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 175.5950, 43.0870, 61.6710

Background



This preview shows how black text looks on a background with the YIQ color 175.5950, 43.0870, 61.6710.



This preview shows how white text looks on a background with the YIQ color 175.5950, 43.0870,

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

175.5950, 43.0870, 61.6710

Protanopia

171.9160, -42.7810, 20.9230

Deuteranopia

173.8780, -22.4230, 15.4090



Tritanopia

174.9370, 58.1780, 24.9460

Trichromacy



Original Color

175.5950, 43.0870, 61.6710



Protanomaly

172.9850, -11.6980, 35.8060



Deuteranomaly

174.4070, 1.5530, 32.4410



Tritanomaly

175.0310, 52.5820, 38.2620

Monochromacy



Original Color

175.5950, 43.0870, 61.6710



Achromatopsia

176.0000, -0.0000, -0.0000



Achromatomaly

175.9120, 15.7680, 22.6160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 175.5950, 43.0870, 61.6710 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, 233)` looks like.

```
.text, #text, p{  
    color:rgb(255, 124, 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(255, 124, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 124, 233) }
```

Border

The CSS property to change the border of an element to YIQ 175.5950, 43.0870, 61.6710 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, 233) }
```


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

```
.border{ border-color:rgb(255, 124, 233) }
```

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, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 124, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 124, 233);  
box-shadow:4px 4px 4px 4px rgb(255, 124,  
233) }
```

Background

The CSS property to change the background color of an element to YIQ 175.5950, 43.0870, 61.6710 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, 233) }
```

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

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