

Converting Colors

YIQ(160.6300, 53.1740, 60.5820)

Have a look what the booklet for
YIQ(160.6300, 53.1740, 60.5820)
contains.

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Color

**YIQ(160.6300, 53.1740,
60.5820)**

Conversions

Conversions Part 1

Format	Color
Hex	F96BCD
RGB	249, 107, 205
RGB Percent	98%, 42%, 80%
CMY	0.0231, 0.5806, 0.1959
CMYK	0.00, 0.57, 0.18, 0.02
HSL	319°, 92%, 70%
HSV	319°, 57%, 98%
XYZ	55.3783, 35.0709, 61.6300
YIQ	160.6300, 53.1740, 60.5820

Conversions

Conversions Part 2

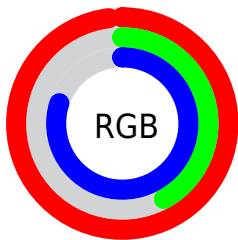
Format	Color
R _Y B	249, 107, 205
Decimal	16346061
CIE _{Lab}	65.80, 65.01, -24.40
CIE _{LCh}	66, 69.435, 339.427
Y _{xy}	35.0709, 0.3641, 0.2306
Android (android.graphics.Color)	4294536141 (0xFFFF96BCD)
YUV	160.6300, 21.8744, 77.5005
Hunter-Lab	59.2207, 63.2823, -20.2477

Details

The YIQ color **160.6300, 53.1740, 60.5820** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **195.3700, -53.1740, -60.5820**, and the grayscale version is **160.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **201.5830, 25.0250, 47.5930**, and **101.3140, 51.2480, 62.4480** is the 20% darker color. If you saturate the color by 10%, you get **145.0430, 62.6170, 71.1690**, and if you desaturate by 10%, it is **176.2170, 43.7310, 49.9950**.

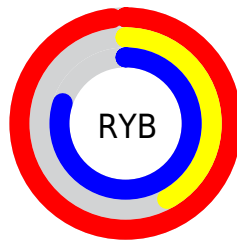
Distribution



Red (98%)

Green (42%)

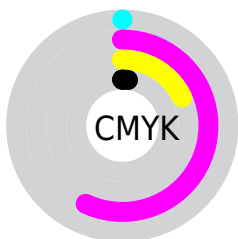
Blue (80%)



Red (98%)

Yellow (42%)

Blue (80%)

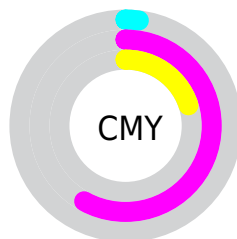


Cyan (0%)

Magenta (57%)

Yellow (18%)

Black (2%)



Cyan (2%)

Magenta (58%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 160.6300, 53.1740, 60.5820 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 160.6300, 53.1740, 60.5820 by changing the saturation by 10% instead.


 160.6300, 53.1740,
60.5820


 160.6300, 53.1740,
60.5820


255.0000, -0.0000,
-0.0000

 131.4450, 52.2570,
60.6810


 201.5830, 25.0250,
47.5930

 101.6130, 51.8440,
62.6600


 218.6060, 17.0500,
32.4260


 62.0900, 55.2350,
72.7950

 235.6290, 9.0750,
17.2590

 50.7540, 46.8930,
58.7730

 253.2390, 0.8250,
1.5690

 39.6460, 37.9090,
45.3730

 28.6520, 28.6040,
32.2840

 18.4840, 19.8490,

20.2410

■ 2.9900, 5.9600,
2.1200

■ 0.0000, 0.0000,
0.0000

■ 160.6300, 53.1740,
60.5820

■ 160.6300, 53.1740,
60.5820

■ 145.0430, 62.6170,
71.1690

■ 176.2170, 43.7310,
49.9950

■ 129.5700, 71.7390,
82.0670

■ 191.6900, 34.6090,
39.0970

■ 113.9830, 81.1820,
92.6540

■ 207.2770, 25.1660,
28.5100

■ 98.3960, 90.6250,
103.2410

■ 222.8640, 15.7230,
17.9230

■ 94.0590, 93.1920,
106.2800

■ 237.8640, 6.5550,
7.8590

■ 252.7500, -2.2920,
-2.5160

■ 253.2060, -3.5760,
-1.2720

Harmonies

Analogous

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



163.6410, -7.2530, 48.8670



160.6300, 53.1740, 60.5820



149.4860, 79.4020, 47.8020

Triad

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



160.6300, 53.1740, 60.5820



147.2230, 57.3660, -48.4740



136.9010, -127.8230, -23.7830

Complementary

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



160.6300, 53.1740, 60.5820



195.3700, -53.1740, -60.5820

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.



131.2350, -109.1130, -43.4890



160.6300, 53.1740, 60.5820



141.7380, -4.3000, -54.2520

Square

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



160.6300, 53.1740, 60.5820



153.6900, 85.0530, -16.0910



122.1780, -87.7440, -61.8240



133.5560, -130.8050, -13.7890

Rectangle

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



160.6300, 53.1740, 60.5820



150.0950, 90.0880, 30.3440



122.1780, -87.7440, -61.8240



135.4360, -122.3200, -29.9040

Sweetspot

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



160.6300, 53.1740, 60.5820



228.2770, 15.9980, 18.4460



136.0450, -19.9540, 53.2780



111.8260, 9.7180, 11.1100



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.



160.6300, 53.1740, 60.5820



147.2930, 64.9090, 73.6850



152.6500, 75.6440, 38.8120



116.9130, 4.8590, 5.5550



71.3310, 70.9140, 80.4980



23.0270, 22.8740, 25.9940

Inverse Universe

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



160.6300, 53.1740, 60.5820



147.2930, 64.9090, 73.6850



203.3500, -75.6440, -38.8120



116.9130, 4.8590, 5.5550



71.3310, 70.9140, 80.4980



23.0270, 22.8740, 25.9940

Previews

White Background



This preview shows how the YIQ color 160.6300, 53.1740, 60.5820 looks on a white background.

Color Contrast Check

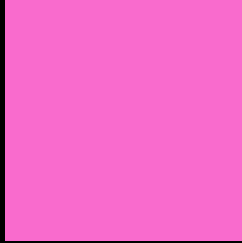
Large Text (above 18pt) WCAG AA × Fail

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 160.6300, 53.1740, 60.5820 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 160.6300, 53.1740, 60.5820

Background



This preview shows how black text looks on a background with the YIQ color 160.6300, 53.1740, 60.5820.



This preview shows how white text looks on a background with the YIQ color 160.6300, 53.1740,

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

160.6300, 53.1740, 60.5820

Protanopia

158.8450, -44.0190, 21.3330

Deuteranopia

161.5600, -12.8400, 12.4400



Tritanopia

160.3080, 67.4390, 27.8150

Trichromacy



Original Color

160.6300, 53.1740, 60.5820



Protanomaly

159.5400, -8.9470, 35.5090



Deuteranomaly

161.2030, 10.8150, 29.7830



Tritanomaly

160.6470, 62.5310, 39.6750

Monochromacy



Original Color

160.6300, 53.1740, 60.5820



Achromatopsia

161.0000, -0.0000, -0.0000



Achromatomaly

160.6520, 19.4360, 22.2200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 160.6300, 53.1740, 60.5820 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(249, 107, 205)` looks like.

```
.text, #text, p{  
    color:rgb(249, 107, 205)  
}
```

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(249, 107, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 107, 205) }
```

Border

The CSS property to change the border of an element to YIQ 160.6300, 53.1740, 60.5820 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(249, 107, 205) }
```


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

```
.border{ border-color:rgb(249, 107, 205) }
```

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

Here you see how a box with a 4 pixel rgb(249, 107, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 107, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 107, 205);  
box-shadow:4px 4px 4px 4px rgb(249, 107,  
205) }
```

Background

The CSS property to change the background color of an element to YIQ 160.6300, 53.1740, 60.5820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 107, 205) }
```

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

```
.background{ background-color: rgb(249,  
107, 205) }
```

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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