

Converting Colors

YIQ(163.0280, 57.8050, 59.2530)

Have a look what the booklet for
YIQ(163.0280, 57.8050, 59.2530)
contains.

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Color

**YIQ(163.0280, 57.8050,
59.2530)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6DC8
RGB	255, 109, 200
RGB Percent	100%, 43%, 78%
CMY	0.0000, 0.5728, 0.2155
CMYK	0.00, 0.57, 0.22, 0.00
HSL	323°, 100%, 71%
HSV	323°, 57%, 100%
XYZ	57.1322, 36.3563, 58.6747
YIQ	163.0280, 57.8050, 59.2530

Conversions

Conversions Part 2

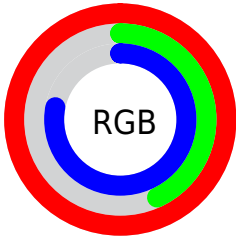
Format	Color
R _{YB}	255, 109, 200
Decimal	16739784
CIE _{Lab}	66.79, 65.11, -20.01
CIE _{LCh}	67, 68.119, 342.918
Yxy	36.3563, 0.3755, 0.2389
Android (android.graphics.Color)	4294929864 (0xFFFF6DC8)
YUV	163.0280, 18.2272, 80.6594
Hunter-Lab	60.2962, 63.6151, -15.4883

Details

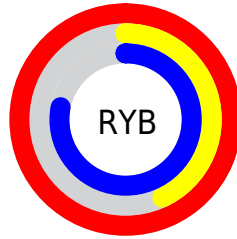
The YIQ color **163.0280, 57.8050, 59.2530** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **200.9720, -57.8050, -59.2530**, and the grayscale version is **163.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **202.7570, 24.4750, 46.5470**, and **103.7120, 55.8790, 61.1190** is the 20% darker color. If you saturate the color by 10%, you get **146.6260, 68.1650, 69.7410**, and if you desaturate by 10%, it is **178.8430, 47.7200, 49.2880**.

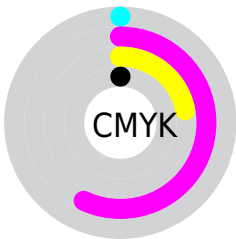
Distribution



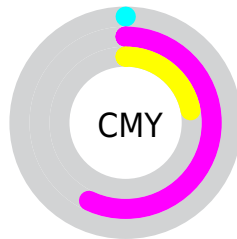
- Red (100%)
- Green (43%)
- Blue (78%)



- Red (100%)
- Yellow (43%)
- Blue (78%)



- Cyan (0%)
- Magenta (57%)
- Yellow (22%)
- Black (0%)



- Cyan (0%)
- Magenta (57%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 163.0280, 57.8050, 59.2530 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 163.0280, 57.8050, 59.2530 by changing the saturation by 10% instead.

163.0280, 57.8050,
59.2530

163.0280, 57.8050,
59.2530

255.0000, -0.0000,
-0.0000

133.9570, 56.5670,
59.6630

202.7570, 24.4750,
46.5470

103.7120, 55.8790,
61.1190

219.7800, 16.5000,
31.3800

63.3140, 60.4160,
72.5120

236.8030, 8.5250,
16.2130

51.7930, 51.1570,
58.5890

254.4130, 0.2750,
0.5230

40.6850, 42.1730,
45.1890

29.8050, 32.5470,
32.4110

19.6370, 23.7920,

20.3680

■ 5.6810, 11.3240,
4.0280

■ 0.0000, 0.0000,
0.0000

■ 163.0280, 57.8050,
59.2530

■ 163.0280, 57.8050,
59.2530

■ 146.6260, 68.1650,
69.7410

■ 178.8430, 47.7200,
49.2880

■ 130.9250, 77.9290,
80.0170

■ 195.1310, 37.6810,
38.4890

■ 114.5230, 88.2890,
90.5050

■ 210.9460, 27.5960,
28.5240

■ 98.8220, 98.0530,
100.7810

■ 227.2340, 17.5570,
17.7250

■ 94.3710, 100.9410,
103.5090

■ 243.0490, 7.4720,
7.7600

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.



167.0010, 0.5410, 50.7890



163.0280, 57.8050, 59.2530



152.5520, 79.0360, 43.4200

Triad

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



163.0280, 57.8050, 59.2530



151.0140, 47.8290, -46.3390



138.8730, -130.6200, -22.6520

Complementary

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



163.0280, 57.8050, 59.2530



200.9720, -57.8050, -59.2530

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.



133.5490, -112.8730, -41.4250



163.0280, 57.8050, 59.2530



143.9590, -12.2320, -53.6720

Square

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



163.0280, 57.8050, 59.2530



156.5430, 80.9730, -19.2430



125.0790, -91.7790, -60.2830



134.1430, -131.0800, -14.3120

Rectangle

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



163.0280, 57.8050, 59.2530



153.8620, 89.1260, 25.7500



125.0790, -91.7790, -60.2830



137.5220, -125.4380, -28.4620

Sweetspot

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



163.0280, 57.8050, 59.2530



227.9350, 16.9610, 17.5130



141.4910, -15.2780, 56.6420



111.5980, 10.3600, 10.4880



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.



163.0280, 57.8050, 59.2530



144.1640, 69.5860, 71.5220



154.8200, 80.9170, 36.8610



119.7990, 5.1800, 5.2440



70.6750, 75.6370, 77.5010



23.6960, 25.3040, 26.0080

Inverse Universe

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



163.0280, 57.8050, 59.2530



144.1640, 69.5860, 71.5220



209.1800, -80.9170, -36.8610



119.7990, 5.1800, 5.2440



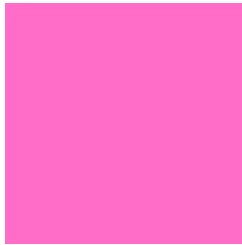
70.6750, 75.6370, 77.5010



23.6960, 25.3040, 26.0080

Previews

White Background



This preview shows how the YIQ color 163.0280, 57.8050, 59.2530 looks on a white background.

Color Contrast Check

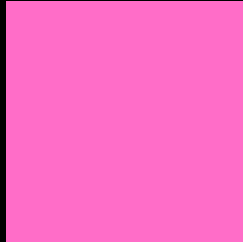
Large Text (above 18pt) WCAG AA × Fail

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 163.0280, 57.8050, 59.2530 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 163.0280, 57.8050, 59.2530

Background



This preview shows how black text looks on a background with the YIQ color 163.0280, 57.8050, 59.2530.



This preview shows how white text looks on a background with the YIQ color 163.0280, 57.8050,

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

163.0280, 57.8050, 59.2530

Protanopia

162.0150, -38.7460, 19.3820

Deuteranopia

164.2570, -7.6130, 11.3230



Tritanopia

162.4010, 71.6110, 29.2990

Trichromacy



Original Color

163.0280, 57.8050, 59.2530



Protanomaly

162.1230, -3.3990, 34.0810



Deuteranomaly

163.9000, 16.0420, 28.6660



Tritanomaly

162.8000, 66.4740, 39.8020

Monochromacy



Original Color

163.0280, 57.8050, 59.2530



Achromatopsia

163.0000, -0.0000, -0.0000



Achromatomaly

162.6090, 20.9950, 21.4990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 163.0280, 57.8050, 59.2530 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, 109, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 109, 200)  
}
```

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, 109, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 109, 200) }
```

Border

The CSS property to change the border of an element to YIQ 163.0280, 57.8050, 59.2530 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, 109, 200) }
```


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

```
.border{ border-color:rgb(255, 109, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 109, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 109, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 109, 200);  
box-shadow:4px 4px 4px 4px rgb(255, 109,  
200) }
```

Background

The CSS property to change the background color of an element to YIQ 163.0280, 57.8050, 59.2530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 109, 200) }
```

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

```
.background{ background-color: rgb(255,  
109, 200) }
```

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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