

Converting Colors

YIQ(153.7080, 61.7020, 60.2140)

Have a look what the booklet for
YIQ(153.7080, 61.7020, 60.2140)
contains.

YIQ(153.7080, 61.7020, 60.2140)	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(153.7080, 61.7020,
60.2140)**

Conversions

Conversions Part 1

Format	Color
Hex	FA62BC
RGB	250, 98, 188
RGB Percent	98%, 38%, 74%
CMY	0.0192, 0.6159, 0.2626
CMYK	0.00, 0.61, 0.25, 0.02
HSL	324°, 94%, 68%
HSV	324°, 61%, 98%
XYZ	52.9062, 32.6999, 51.1255
YIQ	153.7080, 61.7020, 60.2140

Conversions

Conversions Part 2

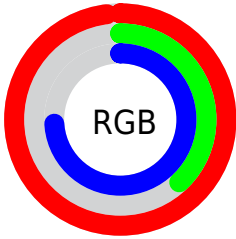
Format	Color
R _Y B	250, 98, 188
Decimal	16409276
CIE Lab	63.92, 66.83, -17.66
CIE LCh	64, 69.124, 345.197
Yxy	32.6999, 0.3869, 0.2392
Android (android.graphics.Color)	4294599356 (0xFFFA62BC)
YUV	153.7080, 16.9060, 84.4481
Hunter-Lab	57.1838, 65.0755, -12.9798

Details

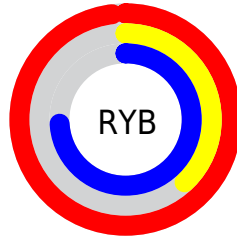
The YIQ color **153.7080, 61.7020, 60.2140** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **194.2920, -61.7020, -60.2140**, and the grayscale version is **153.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **195.6330, 30.7560, 48.3560**, and **91.5710, 60.8300, 65.0060** is the 20% darker color. If you saturate the color by 10%, you get **137.8930, 71.7870, 70.1790**, and if you desaturate by 10%, it is **169.5230, 51.6170, 50.2490**.

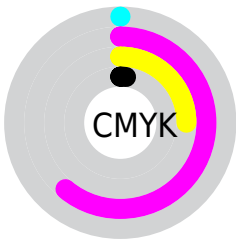
Distribution



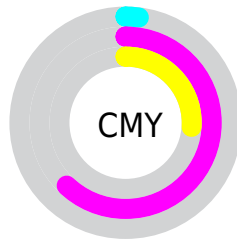
- Red (98%)
- Green (38%)
- Blue (74%)



- Red (98%)
- Yellow (38%)
- Blue (74%)



- Cyan (0%)
- Magenta (61%)
- Yellow (25%)
- Black (2%)




- Cyan (2%)
- Magenta (62%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 153.7080, 61.7020, 60.2140 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 153.7080, 61.7020, 60.2140 by changing the saturation by 10% instead.


 153.7080, 61.7020,
60.2140


 153.7080, 61.7020,
60.2140


255.0000, -0.0000,
-0.0000


 124.0500, 60.7390,
61.1470


 195.6330, 30.7560,
48.3560

 91.5710, 60.8300,
65.0060


 213.3230, 19.5250,
37.1330


 60.5650, 60.9670,
68.0310

 230.9330, 11.2750,
21.4430

 49.1580, 51.3870,
54.4190

 248.5430, 3.0250,
5.7530

 37.8650, 41.4860,
41.1180

 27.2840, 32.4560,
28.5520

 16.4040, 22.8300,

15.7740

■ 0.0000, 0.0000,
0.0000

■ 153.7080, 61.7020,
60.2140

■ 153.7080, 61.7020,
60.2140

■ 137.8930, 71.7870,
70.1790

■ 169.5230, 51.6170,
50.2490

■ 122.0780, 81.8720,
80.1440

■ 185.3380, 41.5320,
40.2840

■ 106.1490, 92.2780,
89.7980

■ 201.2670, 31.1260,
30.6300

■ 91.6220, 101.4920,
99.0280

■ 217.0820, 21.0410,
20.6650

■ 232.8970, 10.9560,
10.7000

248.7120, 0.8710,
0.7350

253.5050, -2.9800,
-1.0600

Harmonies

Analogous

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



159.3930, 5.3090, 52.4850



153.7080, 61.7020, 60.2140



145.7870, 85.6840, 44.0840

Triad

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



153.7080, 61.7020, 60.2140



141.4390, 47.8300, -51.8660



133.7210, -127.1360, -19.7120

Complementary

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



153.7080, 61.7020, 60.2140



194.2920, -61.7020, -60.2140

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.



129.0980, -109.9850, -38.6970



153.7080, 61.7020, 60.2140



134.0830, -18.5130, -55.4810

Square

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



153.7080, 61.7020, 60.2140



147.2670, 81.5700, -24.5580



120.6280, -88.8910, -57.5550



129.4470, -128.8800, -10.1280

Rectangle

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



153.7080, 61.7020, 60.2140



148.3850, 94.9030, 25.6790



120.6280, -88.8910, -57.5550



132.4840, -122.2750, -25.2110

Sweetspot

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



153.7080, 61.7020, 60.2140



225.8320, 18.7490, 18.1490



133.5670, -12.4360, 60.2040



109.6090, 11.8270, 11.4350



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.



153.7080, 61.7020, 60.2140



137.1540, 75.5460, 73.6420



145.1580, 85.7770, 36.8890



116.7990, 5.1800, 5.2440



69.2790, 76.6920, 74.9000



22.3430, 24.8000, 24.1280

Inverse Universe

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



153.7080, 61.7020, 60.2140



137.1540, 75.5460, 73.6420



202.8420, -85.7770, -36.8890



116.7990, 5.1800, 5.2440



69.2790, 76.6920, 74.9000



22.3430, 24.8000, 24.1280

Previews

White Background



This preview shows how the YIQ color 153.7080, 61.7020, 60.2140 looks on a white background.

Color Contrast Check

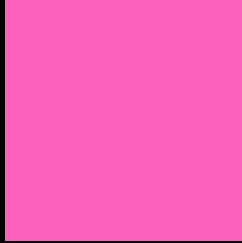
Large Text (above 18pt) WCAG AA × Fail

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 153.7080, 61.7020, 60.2140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

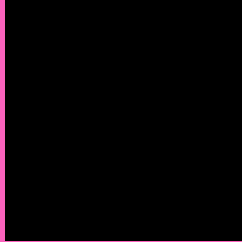
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 153.7080, 61.7020, 60.2140

Background



This preview shows how black text looks on a background with the YIQ color 153.7080, 61.7020, 60.2140.



This preview shows how white text looks on a background with the YIQ color 153.7080, 61.7020,

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

153.7080, 61.7020, 60.2140

Protanopia

154.6730, -37.7830, 18.4490

Deuteranopia

156.3990, -5.1370, 10.5030



Tritanopia

153.7820, 74.9120, 30.0480

Trichromacy



Original Color

153.7080, 61.7020, 60.2140



Protanomaly

154.3790, -1.2440, 33.5720



Deuteranomaly

155.4550, 18.7930, 28.3690



Tritanomaly

153.5940, 70.0500, 41.0740

Monochromacy



Original Color

153.7080, 61.7020, 60.2140



Achromatopsia

154.0000, -0.0000, -0.0000



Achromatomaly

154.0930, 22.5080, 21.6120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 153.7080, 61.7020, 60.2140 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(250, 98, 188)` looks like.

```
.text, #text, p{  
    color:rgb(250, 98, 188)  
}
```

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(250, 98, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 98, 188) }
```

Border

The CSS property to change the border of an element to YIQ 153.7080, 61.7020, 60.2140 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(250, 98, 188) }
```


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

```
.border{ border-color:rgb(250, 98, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 98, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 98, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 98, 188);  
box-shadow:4px 4px 4px 4px rgb(250, 98,  
188) }
```

Background

The CSS property to change the background color of an element to YIQ 153.7080, 61.7020, 60.2140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 98, 188) }
```

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

```
.background{ background-color: rgb(250, 98,  
188) }
```

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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