

Converting Colors

YIQ(148.6060, 53.7220, 72.6820)

Have a look what the booklet for
YIQ(148.6060, 53.7220, 72.6820)
contains.

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Color

**YIQ(148.6060, 53.7220,
72.6820)**

Conversions

Conversions Part 1

Format	Color
Hex	F557D5
RGB	245, 87, 213
RGB Percent	96%, 34%, 84%
CMY	0.0388, 0.6591, 0.1646
CMYK	0.00, 0.65, 0.13, 0.04
HSL	312°, 89%, 65%
HSV	312°, 65%, 96%
XYZ	53.1135, 31.0446, 66.1632
YIQ	148.6060, 53.7220, 72.6820

Conversions

Conversions Part 2

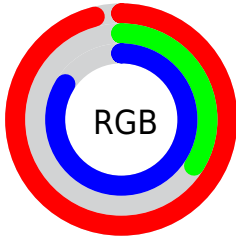
Format	Color
R _Y B	245, 87, 213
Decimal	16078805
CIE Lab	62.55, 73.28, -33.98
CIE LCh	63, 80.774, 335.124
Yxy	31.0446, 0.3533, 0.2065
Android (android.graphics.Color)	4294268885 (0xFFFF557D5)
YUV	148.6060, 31.7462, 84.5375
Hunter-Lab	55.7177, 72.6510, -31.4029

Details

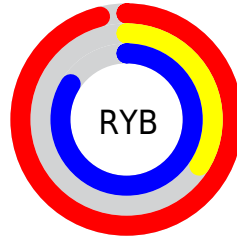
The YIQ color **148.6060, 53.7220, 72.6820** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **183.3940, -53.7220, -72.6820**, and the grayscale version is **148.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **191.0170, 29.9750, 57.0070**, and **74.5010, 58.9920, 87.3120** is the 20% darker color. If you saturate the color by 10%, you get **133.3610, 62.2020, 84.2020**, and if you desaturate by 10%, it is **163.2640, 45.5170, 61.6850**.

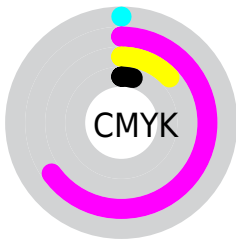
Distribution



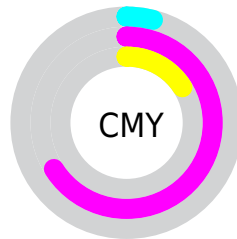
- Red (96%)
- Green (34%)
- Blue (84%)



- Red (96%)
- Yellow (34%)
- Blue (84%)



- Cyan (0%)
- Magenta (65%)
- Yellow (13%)
- Black (4%)




- Cyan (4%)
- Magenta (66%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 148.6060, 53.7220, 72.6820 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 148.6060, 53.7220, 72.6820 by changing the saturation by 10% instead.


 148.6060, 53.7220,
72.6820


 148.6060, 53.7220,
72.6820


255.0000, -0.0000,
-0.0000


 117.6600, 53.6300,
74.3500


 191.0170, 29.9750,
57.0070


 74.5010, 58.9920,
87.3120


 208.0400, 22.0000,
41.8400


 61.6920, 50.6040,
74.1240

 225.6500, 13.7500,
26.1500

 50.0570, 41.6660,
59.8900

 243.2600, 5.5000,
10.4600

 38.8350, 33.0030,
46.1790

 28.1400, 24.2940,
33.3020

 17.1460, 14.9890,

20.2130

■ 1.0260, -2.8890,
2.7990

■ 0.0000, 0.0000,
0.0000

■ 148.6060, 53.7220,
72.6820

■ 148.6060, 53.7220,
72.6820

■ 133.3610, 62.2020,
84.2020

■ 163.2640, 45.5170,
61.6850

■ 118.7030, 70.4070,
95.1990

■ 178.5090, 37.0370,
50.1650

■ 103.4580, 78.8870,
106.7190

■ 193.1670, 28.8320,
39.1680

■ 95.4850, 83.4250,
112.5850

■ 208.4120, 20.3520,
27.6480

223.6570, 11.8720,
16.1280

238.3150, 3.6670,
5.1310

251.2120, -3.7130,
-4.2970

251.7820, -5.3180,
-2.7420

252.0100, -5.9600,
-2.1200

Harmonies

Analogous

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



152.3670, -18.1650, 48.3870



148.6060, 53.7220, 72.6820



130.5880, 88.5230, 64.2270

Triad

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



148.6060, 53.7220, 72.6820



140.3530, 60.1160, -43.2440



133.3960, -124.8430, -22.7230

Complementary

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



148.6060, 53.7220, 72.6820



183.3940, -53.7220, -72.6820

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.



125.8890, -102.3270, -45.3270



148.6060, 53.7220, 72.6820



128.1950, 9.8700, -68.7700

Square

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



148.6060, 53.7220, 72.6820



141.2590, 102.3840, -16.3040



114.9910, -77.1520, -66.5600



131.2080, -129.7050, -11.6970

Rectangle

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



148.6060, 53.7220, 72.6820



132.2740, 100.3100, 43.3340



114.9910, -77.1520, -66.5600



131.3610, -117.7350, -30.3990

Sweetspot

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



148.6060, 53.7220, 72.6820



225.6840, 16.4100, 21.9940



114.5800, -31.6460, 55.9220



109.7060, 10.1760, 13.8240



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.



148.6060, 53.7220, 72.6820



135.3880, 66.7400, 90.0680



139.6000, 79.0810, 48.1130



114.7280, 3.9420, 5.6540



72.4860, 63.3480, 85.4600



22.9990, 20.0770, 27.1250

Inverse Universe

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



148.6060, 53.7220, 72.6820



135.3880, 66.7400, 90.0680



192.4000, -79.0810, -48.1130



114.7280, 3.9420, 5.6540



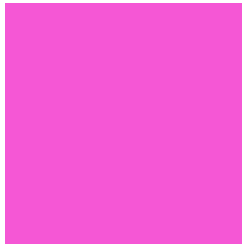
72.4860, 63.3480, 85.4600



22.9990, 20.0770, 27.1250

Previews

White Background



This preview shows how the YIQ color 148.6060, 53.7220, 72.6820 looks on a white background.

Color Contrast Check

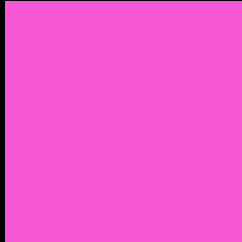
Large Text (above 18pt) WCAG AA × Fail

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 148.6060, 53.7220, 72.6820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

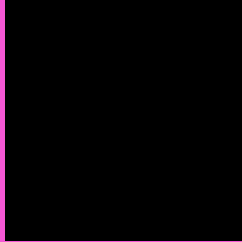
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 148.6060, 53.7220, 72.6820

Background



This preview shows how black text looks on a background with the YIQ color 148.6060, 53.7220, 72.6820.

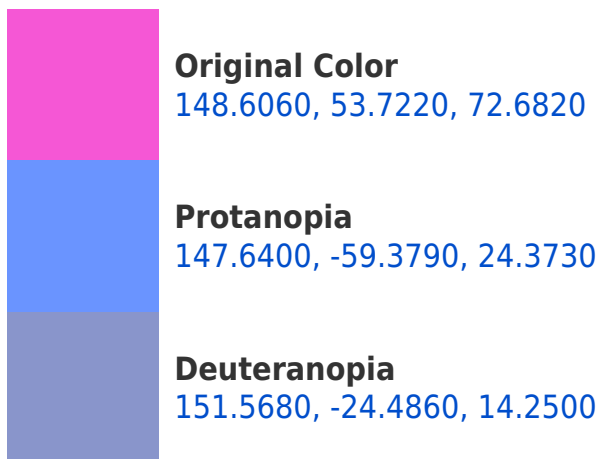


This preview shows how white text looks on a background with the YIQ color 148.6060, 53.7220,

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





Tritanopia

150.5750, 71.0610, 28.2530

Trichromacy



Original Color

148.6060, 53.7220, 72.6820



Protanomaly

148.2650, -18.1180, 42.0260



Deuteranomaly

150.1840, 3.7990, 35.7910



Tritanomaly

150.0650, 64.4100, 44.1700

Monochromacy



Original Color

148.6060, 53.7220, 72.6820



Achromatopsia

149.0000, 0.0000, -0.0000



Achromatomaly

148.5860, 19.8020, 26.6020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.6060, 53.7220, 72.6820 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(245, 87, 213)` looks like.

```
.text, #text, p{  
    color:rgb(245, 87, 213)  
}
```

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(245, 87, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 87, 213) }
```

Border

The CSS property to change the border of an element to YIQ 148.6060, 53.7220, 72.6820 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(245, 87, 213) }
```


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

```
.border{ border-color:rgb(245, 87, 213) }
```

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

Here you see how a box with a 4 pixel rgb(245, 87, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 87, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 87, 213);  
box-shadow:4px 4px 4px 4px rgb(245, 87,  
213) }
```

Background

The CSS property to change the background color of an element to YIQ 148.6060, 53.7220, 72.6820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 87, 213) }
```

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

```
.background{ background-color: rgb(245, 87,  
213) }
```

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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