

Converting Colors

YIQ(159.8560, 72.0680, 37.5400)

Have a look what the booklet for
YIQ(159.8560, 72.0680, 37.5400)
contains.

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Color

**YIQ(159.8560, 72.0680,
37.5400)**

Conversions

Conversions Part 1

Format	Color
Hex	FC7490
RGB	252, 116, 144
RGB Percent	99%, 45%, 56%
CMY	0.0114, 0.5453, 0.4350
CMYK	0.00, 0.54, 0.43, 0.01
HSL	348°, 96%, 72%
HSV	348°, 54%, 99%
XYZ	51.4544, 35.2050, 30.4959
YIQ	159.8560, 72.0680, 37.5400

Conversions

Conversions Part 2

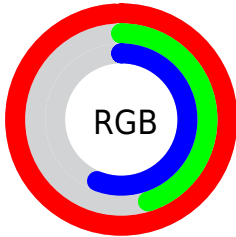
Format	Color
R _Y B	252, 116, 144
Decimal	16544912
CIE Lab	65.91, 54.45, 10.37
CIE LCh	66, 55.430, 10.778
Yxy	35.2050, 0.4392, 0.3005
Android (android.graphics.Color)	4294734992 (0xFFFC7490)
YUV	159.8560, -7.8170, 80.8103
Hunter-Lab	59.3338, 50.9615, 11.0603

Details

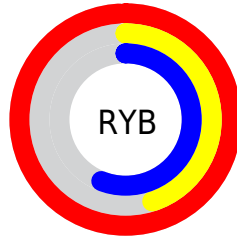
The YIQ color **159.8560, 72.0680, 37.5400** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **208.1440, -72.0680, -37.5400**, and the grayscale version is **160.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **199.7810, 41.1220, 25.6820**, and **103.6320, 66.8870, 37.8230** is the 20% darker color. If you saturate the color by 10%, you get **142.9010, 85.3630, 44.3950**, and if you desaturate by 10%, it is **176.8110, 58.7730, 30.6850**.

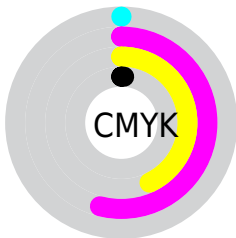
Distribution



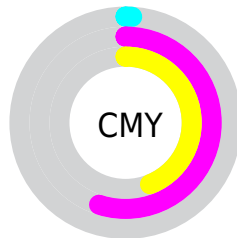
- Red (99%)
- Green (45%)
- Blue (56%)



- Red (99%)
- Yellow (45%)
- Blue (56%)



- Cyan (0%)
- Magenta (54%)
- Yellow (43%)
- Black (1%)




- Cyan (1%)
- Magenta (55%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 159.8560, 72.0680, 37.5400 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 159.8560, 72.0680, 37.5400 by changing the saturation by 10% instead.

 159.8560, 72.0680,
37.5400


 159.8560, 72.0680,
37.5400


255.0000, -0.0000,
-0.0000

 131.3010, 69.3170,
37.8370


 199.7810, 41.1220,
25.6820


 103.0450, 67.1620,
38.3460


 219.4090, 24.4340,
19.7460

 73.4410, 66.1070,
40.9470

 239.6240, 7.4710,
13.2870

 44.9400, 63.2640,
42.9120

 33.9890, 52.4000,
30.5440

 22.4250, 44.7000,
15.9000

 14.5800, 27.9660,

10.7980

■ 0.0000, 0.0000,
0.0000

■ 159.8560, 72.0680,
37.5400

■ 159.8560, 72.0680,
37.5400

■ 142.9010, 85.3630,
44.3950

■ 176.8110, 58.7730,
30.6850

■ 125.9460, 98.6580,
51.2500

■ 193.7660, 45.4780,
23.8300

■ 108.4040,
112.2280, 58.6280

■ 211.3080, 31.9080,
16.4520

■ 91.4490, 125.5230,
65.4830

■ 228.2630, 18.6130,
9.5970

■ 81.2760, 133.5000,
69.5960

■ 245.2180, 5.3180,
2.7420

254.1030, -1.7880,
-0.6360

Harmonies

Analogous

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



163.1090, 43.9150, 46.6590



159.8560, 72.0680, 37.5400



158.3780, 78.4450, 15.5730

Triad

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



159.8560, 72.0680, 37.5400



147.5290, -4.6690, -42.0530



131.0940, -129.3840, -12.0080

Complementary

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



159.8560, 72.0680, 37.5400



208.1440, -72.0680, -37.5400

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.



132.3700, -121.9540, -25.5220



159.8560, 72.0680, 37.5400



123.8890, -85.1320, -54.0920

Square

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



159.8560, 72.0680, 37.5400



153.1940, 39.1150, -31.5810



128.7730, -107.6920, -41.7080



152.9010, -64.7880, 17.7720

Rectangle

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



159.8560, 72.0680, 37.5400



158.0760, 72.7630, -2.6050



128.7730, -107.6920, -41.7080



132.5300, -127.9160, -16.5880

Sweetspot

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



159.8560, 72.0680, 37.5400



227.2850, 21.5470, 11.4910



163.4970, 20.1160, 64.9800



111.0450, 13.2950, 6.8550



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.



159.8560, 72.0680, 37.5400



142.5100, 88.0220, 45.7660



179.5570, 70.3310, 8.4350



116.2290, 6.7850, 3.6890



60.9570, 100.1250, 52.1970



19.7210, 32.1830, 16.9750

Inverse Universe

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



159.8560, 72.0680, 37.5400



142.5100, 88.0220, 45.7660



189.0300, -70.6060, -8.9580



116.2290, 6.7850, 3.6890



60.9570, 100.1250, 52.1970



19.7210, 32.1830, 16.9750

Previews

White Background



This preview shows how the YIQ color 159.8560, 72.0680, 37.5400 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 159.8560, 72.0680, 37.5400 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 159.8560, 72.0680, 37.5400

Background



This preview shows how black text looks on a background with the YIQ color 159.8560, 72.0680, 37.5400.



This preview shows how white text looks on a background with the YIQ color 159.8560, 72.0680,

37.5400.

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

159.8560, 72.0680, 37.5400

Protanopia

161.2110, -1.9720, 2.7000

Deuteranopia

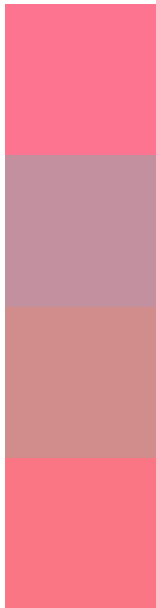
161.7330, 22.7410, 0.8610



Tritanopia

159.3800, 76.1040, 30.4720

Trichromacy



Original Color

159.8560, 72.0680, 37.5400

Protanomaly

160.6600, 24.9850, 15.2650

Deuteranomaly

161.2180, 40.8490, 14.1050

Tritanomaly

159.4770, 74.4530, 32.8610

Monochromacy



Original Color

159.8560, 72.0680, 37.5400

Achromatopsia

160.0000, 0.0000, -0.0000

Achromatomaly

159.7910, 25.9940, 13.4980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 159.8560, 72.0680, 37.5400 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(252, 116, 144)` looks like.

```
.text, #text, p{  
    color:rgb(252, 116, 144)  
}
```

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(252, 116, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 116, 144) }
```

Border

The CSS property to change the border of an element to YIQ 159.8560, 72.0680, 37.5400 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(252, 116, 144) }
```


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

```
.border{ border-color:rgb(252, 116, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 116, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 116, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 116, 144);  
box-shadow:4px 4px 4px 4px rgb(252, 116,  
144) }
```

Background

The CSS property to change the background color of an element to YIQ 159.8560, 72.0680, 37.5400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 116, 144) }
```

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

```
.background{ background-color: rgb(252,  
116, 144) }
```

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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