

Converting Colors

YIQ(153.5020, 73.3050, 42.6570)

Have a look what the booklet for
YIQ(153.5020, 73.3050, 42.6570)
contains.

YIQ(153.5020, 73.3050, 42.6570)	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(153.5020, 73.3050,
42.6570)**

Conversions

Conversions Part 1

Format	Color
Hex	FA6A91
RGB	250, 106, 145
RGB Percent	98%, 42%, 57%
CMY	0.0192, 0.5845, 0.4311
CMYK	0.00, 0.58, 0.42, 0.02
HSL	344°, 94%, 70%
HSV	344°, 58%, 98%
XYZ	49.7217, 32.6833, 30.5028
YIQ	153.5020, 73.3050, 42.6570

Conversions

Conversions Part 2

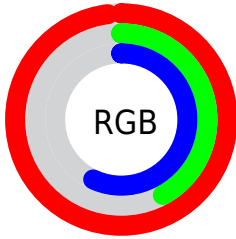
Format	Color
RYB	250, 106, 145
Decimal	16411281
CIELab	63.90, 58.46, 6.90
CIELCh	64, 58.870, 6.731
Yxy	32.6833, 0.4404, 0.2895
Android (android.graphics.Color)	4294601361 (0xFFFA6A91)
YUV	153.5020, -4.1915, 84.6287
Hunter-Lab	57.1693, 55.1999, 8.3842

Details

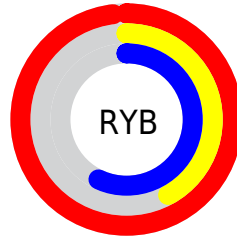
The YIQ color **153.5020, 73.3050, 42.6570** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **202.4980, -73.3050, -42.6570**, and the grayscale version is **153.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **194.0250, 43.5510, 31.2230**, and **95.5170, 68.9490, 44.5090** is the 20% darker color. If you saturate the color by 10%, you get **136.7750, 85.9580, 50.1340**, and if you desaturate by 10%, it is **170.2290, 60.6520, 35.1800**.

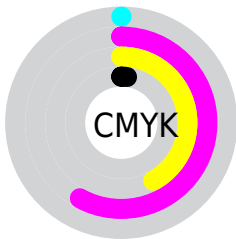
Distribution



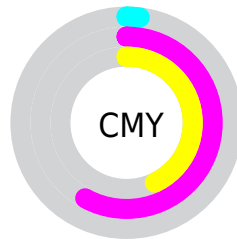
- Red (98%)
- Green (42%)
- Blue (57%)



- Red (98%)
- Yellow (42%)
- Blue (57%)



- Cyan (0%)
- Magenta (58%)
- Yellow (42%)
- Black (2%)





- Cyan (2%)
- Magenta (58%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 153.5020, 73.3050, 42.6570 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 153.5020, 73.3050, 42.6570 by changing the saturation by 10% instead.


 153.5020, 73.3050,
42.6570


 153.5020, 73.3050,
42.6570


255.0000, -0.0000,
-0.0000

 124.8330, 70.8750,
42.6430


 194.0250, 43.5510,
31.2230


 95.5170, 68.9490,
44.5090


 214.2400, 26.5880,
24.7640


 57.9830, 70.8730,
53.6970

 234.4550, 9.6250,
18.3050

 44.4560, 61.7510,
42.7990

 251.4780, 1.6500,
3.1380

 33.5050, 50.8870,
30.4310

 21.9410, 43.1870,
15.7870

 13.2700, 25.9030,

9.6390

■ 0.0000, 0.0000,
0.0000

■ 153.5020, 73.3050,
42.6570

■ 153.5020, 73.3050,
42.6570

■ 136.7750, 85.9580,
50.1340

■ 170.2290, 60.6520,
35.1800

■ 120.0480, 98.6110,
57.6110

■ 187.0700, 47.6780,
28.0140

■ 103.2070,
111.5850, 64.7770

■ 203.7970, 35.0250,
20.5370

■ 86.4800, 124.2380,
72.2540

■ 220.5240, 22.3720,
13.0600

■ 82.5020, 127.1720,
74.1480

■ 237.2510, 9.7190,
5.5830

253.3910, -2.6590,
-1.3710

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.



158.1350, 41.0260, 49.4580



153.5020, 73.3050, 42.6570



152.4650, 82.7540, 20.0820

Triad

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



153.5020, 73.3050, 42.6570



141.8840, 1.5210, -44.1030



128.9910, -127.5960, -11.3720

Complementary

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



153.5020, 73.3050, 42.6570



202.4980, -73.3050, -42.6570

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.



129.6970, -118.5610, -26.4410



153.5020, 73.3050, 42.6570



116.5530, -84.3060, -58.0500

Square

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



153.5020, 73.3050, 42.6570



147.5600, 46.7720, -32.6840



124.4700, -102.4650, -42.8250



140.6640, -86.2900, 10.9740

Rectangle

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



153.5020, 73.3050, 42.6570



151.8210, 78.0350, 0.9710



124.4700, -102.4650, -42.8250



130.3130, -125.8070, -16.2630

Sweetspot

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



153.5020, 73.3050, 42.6570



226.1110, 22.0970, 12.5370



153.2130, 15.1640, 66.6200



110.5720, 13.2490, 7.6890



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.



153.5020, 73.3050, 42.6570



137.0960, 89.4880, 52.2400



167.2530, 77.2990, 14.3150



116.3430, 6.4640, 4.0000



62.3250, 96.2730, 55.9290



20.1770, 30.8990, 18.2190

Inverse Universe

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



153.5020, 73.3050, 42.6570



137.0960, 89.4880, 52.2400



188.7470, -77.2990, -14.3150



116.3430, 6.4640, 4.0000



62.3250, 96.2730, 55.9290



20.1770, 30.8990, 18.2190

Previews

White Background



This preview shows how the YIQ color 153.5020, 73.3050, 42.6570 looks on a white background.

Color Contrast Check

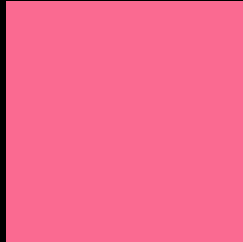
Large Text (above 18pt) WCAG AA × Fail

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 153.5020, 73.3050, 42.6570 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 153.5020, 73.3050, 42.6570

Background



This preview shows how black text looks on a background with the YIQ color 153.5020, 73.3050, 42.6570.



This preview shows how white text looks on a background with the YIQ color 153.5020, 73.3050,

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

153.5020, 73.3050, 42.6570

Protanopia

155.8670, -6.6950, 5.6970

Deuteranopia

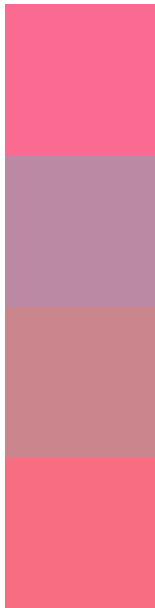
156.4060, 19.3480, 1.7800



Tritanopia

152.7610, 79.4050, 31.2210

Trichromacy



Original Color

153.5020, 73.3050, 42.6570

Protanomaly

155.2130, 22.0500, 18.8980

Deuteranomaly

155.4290, 38.8770, 16.8050

Tritanomaly

153.0260, 77.3410, 35.5890

Monochromacy



Original Color

153.5020, 73.3050, 42.6570

Achromatopsia

154.0000, -0.0000, -0.0000

Achromatomaly

154.1440, 26.4980, 15.3780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 153.5020, 73.3050, 42.6570 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, 106, 145)` looks like.

```
.text, #text, p{  
    color:rgb(250, 106, 145)  
}
```

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, 106, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 106, 145) }
```

Border

The CSS property to change the border of an element to YIQ 153.5020, 73.3050, 42.6570 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, 106, 145) }
```


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

```
.border{ border-color:rgb(250, 106, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 106, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 106, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 106, 145);  
box-shadow:4px 4px 4px 4px rgb(250, 106,  
145) }
```

Background

The CSS property to change the background color of an element to YIQ 153.5020, 73.3050, 42.6570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 106, 145) }
```

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

```
.background{ background-color: rgb(250,  
106, 145) }
```

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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