

Converting Colors

YIQ(172.2230, 35.5670, 65.7990)

Have a look what the booklet for
YIQ(172.2230, 35.5670, 65.7990)
contains.

YIQ(172.2230, 35.5670, 65.7990)	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(172.2230, 35.5670,
65.7990)**

Conversions

Conversions Part 1

Format	Color
Hex	F778F5
RGB	247, 120, 245
RGB Percent	97%, 47%, 96%
CMY	0.0310, 0.5296, 0.0392
CMYK	0.00, 0.51, 0.01, 0.03
HSL	301°, 89%, 72%
HSV	301°, 51%, 97%
XYZ	61.5852, 39.8052, 90.8325
YIQ	172.2230, 35.5670, 65.7990

Conversions

Conversions Part 2

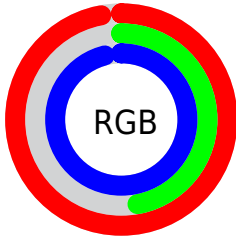
Format	Color
R _{YB}	247, 120, 245
Decimal	16218357
CIE _{Lab}	69.33, 64.86, -41.15
CIE _{LCh}	69, 76.812, 327.605
Yxy	39.8052, 0.3204, 0.2071
Android (android.graphics.Color)	4294408437 (0xFFFF778F5)
YUV	172.2230, 35.8791, 65.5794
Hunter-Lab	63.0914, 63.8288, -41.1957

Details

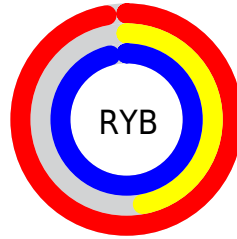
The YIQ color **172.2230, 35.5670, 65.7990** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **194.7770, -35.5670, -65.7990**, and the grayscale version is **172.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **209.2140, 21.4500, 40.7940**, and **114.6250, 34.3750, 65.3750** is the 20% darker color. If you saturate the color by 10%, you get **157.5480, 42.4420, 78.8740**, and if you desaturate by 10%, it is **186.8980, 28.6920, 52.7240**.

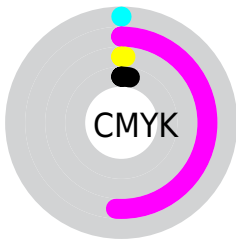
Distribution



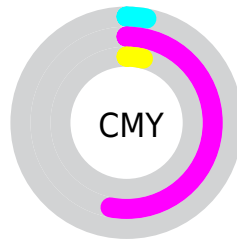
- Red (97%)
- Green (47%)
- Blue (96%)



- Red (97%)
- Yellow (47%)
- Blue (96%)



- Cyan (0%)
- Magenta (51%)
- Yellow (1%)
- Black (3%)




- Cyan (3%)
- Magenta (53%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 172.2230, 35.5670, 65.7990 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 172.2230, 35.5670, 65.7990 by changing the saturation by 10% instead.


 172.2230, 35.5670,
65.7990


 172.2230, 35.5670,
65.7990


255.0000, -0.0000,
-0.0000


 143.5110, 34.6960,
65.0640


 209.2140, 21.4500,
40.7940


 114.6250, 34.3750,
65.3750


 226.2370, 13.4750,
25.6270

 82.9180, 35.1080,
68.6120

 243.2600, 5.5000,
10.4600

 54.4450, 35.0620,
69.4460

 43.2230, 26.3990,
55.7350

 32.3000, 18.3320,
42.2360

 22.3880, 11.7320,

29.6840

■ 9.6000, -1.1490,
15.3230

■ 2.0690, -4.4480,
3.5200

■ 172.2230, 35.5670,
65.7990

■ 172.2230, 35.5670,
65.7990

■ 157.5480, 42.4420,
78.8740

■ 186.8980, 28.6920,
52.7240

■ 143.3460, 49.3630,
91.1150

■ 201.1000, 21.7710,
40.4830

■ 128.6710, 56.2380,
104.1900

■ 215.7750, 14.8960,
27.4080

■ 113.8820, 63.4340,
116.9540

■ 230.5640, 7.7000,
14.6440

101.5550, 69.2090,
127.9370

245.2390, 0.8250,
1.5690

251.6960, -2.2000,
-4.1840

251.8100, -2.5210,
-3.8730

251.9240, -2.8420,
-3.5620

Harmonies

Analogous

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



165.2260, -31.5500, 32.1460



172.2230, 35.5670, 65.7990



153.4760, 68.1670, 58.6870

Triad

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



172.2230, 35.5670, 65.7990



158.1610, 78.2720, -41.8880



144.4350, -129.7470, -32.9710

Complementary

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



172.2230, 35.5670, 65.7990



194.7770, -35.5670, -65.7990

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.



136.3410, -106.9560, -55.0520



172.2230, 35.5670, 65.7990



151.5070, 26.7870, -61.4770

Square

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



172.2230, 35.5670, 65.7990



161.3210, 99.8140, -2.7620



124.7250, -82.5150, -73.9950



143.5350, -135.4800, -22.6800

Rectangle

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



172.2230, 35.5670, 65.7990



149.2920, 82.7040, 43.0240



124.7250, -82.5150, -73.9950



141.8130, -122.3640, -40.1240

Sweetspot

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



172.2230, 35.5670, 65.7990



232.5800, 10.7710, 19.5630



134.4780, -40.7670, 39.4970



114.3850, 6.6460, 11.7180



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.



172.2230, 35.5670, 65.7990



161.9120, 44.4130, 81.7010



165.2690, 55.1480, 46.8280



114.9560, 3.3000, 6.2760



76.4760, 52.1130, 96.3450



24.2530, 16.5460, 30.5460

Inverse Universe

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



172.2230, 35.5670, 65.7990



161.9120, 44.4130, 81.7010



201.8450, -55.4690, -46.5170



114.9560, 3.3000, 6.2760



76.4760, 52.1130, 96.3450



24.2530, 16.5460, 30.5460

Previews

White Background



This preview shows how the YIQ color 172.2230, 35.5670, 65.7990 looks on a white background.

Color Contrast Check

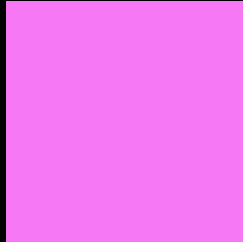
Large Text (above 18pt) WCAG AA × Fail

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 172.2230, 35.5670, 65.7990 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 172.2230, 35.5670, 65.7990

Background



This preview shows how black text looks on a background with the YIQ color 172.2230, 35.5670, 65.7990.



This preview shows how white text looks on a background with the YIQ color 172.2230, 35.5670,

65.7990.

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

172.2230, 35.5670, 65.7990

Protanopia

168.3610, -45.5320, 21.2200

Deuteranopia

169.5870, -34.6650, 17.0070



Tritanopia

171.9470, 52.2180, 22.8260

Trichromacy



Original Color

172.2230, 35.5670, 65.7990



Protanomaly

169.8860, -15.7330, 37.3470



Deuteranomaly

170.7140, -9.4970, 34.4630



Tritanomaly

172.2090, 46.2090, 38.1210

Monochromacy



Original Color

172.2230, 35.5670, 65.7990



Achromatopsia

172.0000, -0.0000, -0.0000



Achromatomaly

171.9980, 12.6500, 24.0580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.2230, 35.5670, 65.7990 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(247, 120, 245)` looks like.

```
.text, #text, p{  
    color:rgb(247, 120, 245)  
}
```

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(247, 120, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 120, 245) }
```

Border

The CSS property to change the border of an element to YIQ 172.2230, 35.5670, 65.7990 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(247, 120, 245) }
```


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

```
.border{ border-color:rgb(247, 120, 245) }
```

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

Here you see how a box with a 4 pixel rgb(247, 120, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 120, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 120, 245);  
box-shadow:4px 4px 4px 4px rgb(247, 120,  
245) }
```

Background

The CSS property to change the background color of an element to YIQ 172.2230, 35.5670, 65.7990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 120, 245) }
```

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

```
.background{ background-color: rgb(247,  
120, 245) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor