

Converting Colors

YIQ(145.5830, 69.7240, 69.0200)

Have a look what the booklet for
YIQ(145.5830, 69.7240, 69.0200)
contains.

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Color

**YIQ(145.5830, 69.7240,
69.0200)**

Conversions

Conversions Part 1

Format	Color
Hex	FF52BA
RGB	255, 82, 186
RGB Percent	100%, 32%, 73%
CMY	0.0000, 0.6787, 0.2704
CMYK	0.00, 0.68, 0.27, 0.00
HSL	324°, 100%, 66%
HSV	324°, 68%, 100%
XYZ	53.1201, 30.8310, 49.6335
YIQ	145.5830, 69.7240, 69.0200

Conversions

Conversions Part 2

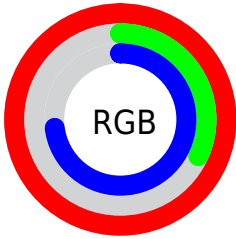
Format	Color
R _Y B	255, 82, 186
Decimal	16732858
CIE Lab	62.36, 74.08, -18.81
CIE LCh	62, 76.426, 345.751
Yxy	30.8310, 0.3977, 0.2308
Android (android.graphics.Color)	4294922938 (0xFFFF52BA)
YUV	145.5830, 19.9256, 95.9587
Hunter-Lab	55.5256, 73.5969, -14.1305

Details

The YIQ color **145.5830, 69.7240, 69.0200** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **191.4170, -69.7240, -69.0200**, and the grayscale version is **145.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **187.1870, 35.2480, 55.0560**, and **73.1680, 72.9310, 82.4910** is the 20% darker color. If you saturate the color by 10%, you get **129.1810, 80.0840, 79.5080**, and if you desaturate by 10%, it is **161.3980, 59.6390, 59.0550**.

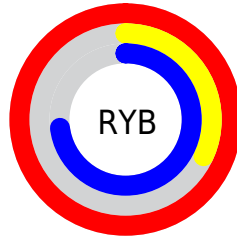
Distribution



Red (100%)

Green (32%)

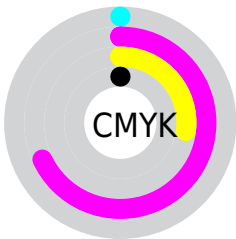
Blue (73%)



Red (100%)

Yellow (32%)

Blue (73%)

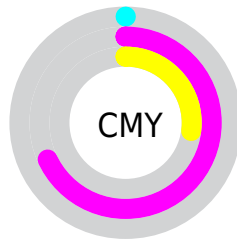


Cyan (0%)

Magenta (68%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (68%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 145.5830, 69.7240, 69.0200 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 145.5830, 69.7240, 69.0200 by changing the saturation by 10% instead.


 145.5830, 69.7240,
69.0200


 145.5830, 69.7240,
69.0200


255.0000, -0.0000,
-0.0000


 113.2780, 69.2650,
71.8330


 187.1870, 35.2480,
55.0560


 73.1680, 72.9310,
82.4910


 206.2790, 22.8250,
43.4090


 61.2340, 63.3970,
68.0450

 223.3020, 14.8500,
28.2420

 49.8270, 53.8170,
54.4330

 240.9120, 6.6000,
12.5520

 38.5340, 43.9160,
41.1320

 27.6540, 34.2900,
28.3540

 16.3610, 24.3890,

15.0530

■ 0.0000, 0.0000,
0.0000

■ 145.5830, 69.7240,
69.0200

■ 145.5830, 69.7240,
69.0200

■ 129.1810, 80.0840,
79.5080

■ 161.3980, 59.6390,
59.0550

■ 113.3660, 90.1690,
89.4730

■ 177.8000, 49.2790,
48.5670

■ 96.9640, 100.5290,
99.9610

■ 193.7290, 38.8730,
38.9130

■ 93.6870, 102.8670,
101.6430

■ 210.1310, 28.5130,
28.4250

■ 225.9460, 18.4280,
18.4600

242.3480, 8.0680,
7.9720

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



154.7510, 7.4170, 58.3370



145.5830, 69.7240, 69.0200



134.8960, 92.9270, 50.4870

Triad

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



145.5830, 69.7240, 69.0200



137.5850, 44.4830, -51.7810



132.6440, -128.2370, -16.2770

Complementary

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



145.5830, 69.7240, 69.0200



191.4170, -69.7240, -69.0200

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.



127.4510, -109.4810, -36.8170



145.5830, 69.7240, 69.0200



124.5180, -24.4720, -63.1280

Square

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



145.5830, 69.7240, 69.0200



142.0240, 86.5680, -27.0320



118.1830, -86.1400, -57.8520



127.6860, -128.0550, -8.5590

Rectangle

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



145.5830, 69.7240, 69.0200



139.9730, 102.0550, 28.2230



118.1830, -86.1400, -57.8520



131.7660, -123.0090, -22.9210

Sweetspot

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



145.5830, 69.7240, 69.0200



222.7830, 20.4450, 20.4530



121.4560, -16.1970, 67.7950



108.3210, 12.6980, 12.1700



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.



145.5830, 69.7240, 69.0200



124.1430, 83.2470, 82.7590



136.0070, 96.6880, 42.8960



119.6850, 5.5010, 4.9330



70.2190, 76.9210, 76.2570



23.4680, 25.9460, 25.3860

Inverse Universe

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



145.5830, 69.7240, 69.0200



124.1430, 83.2470, 82.7590



200.9930, -96.6880, -42.8960



119.6850, 5.5010, 4.9330



70.2190, 76.9210, 76.2570



23.4680, 25.9460, 25.3860

Previews

White Background



This preview shows how the YIQ color 145.5830, 69.7240, 69.0200 looks on a white background.

Color Contrast Check

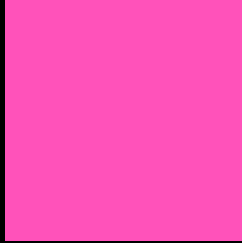
Large Text (above 18pt) WCAG AA × Fail

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 145.5830, 69.7240, 69.0200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

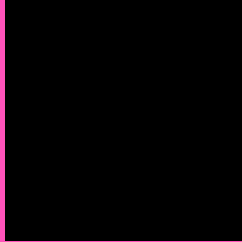
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 145.5830, 69.7240, 69.0200

Background



This preview shows how black text looks on a background with the YIQ color 145.5830, 69.7240, 69.0200.



This preview shows how white text looks on a background with the YIQ color 145.5830, 69.7240,

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

145.5830, 69.7240, 69.0200

Protanopia

149.2470, -45.2110, 20.9090

Deuteranopia

152.2140, -6.0540, 10.6020



Tritanopia

146.7510, 85.3650, 33.3410

Trichromacy



Original Color

145.5830, 69.7240, 69.0200



Protanomaly

147.7580, -3.6290, 38.2510



Deuteranomaly

149.5310, 21.6350, 31.9310



Tritanomaly

146.4320, 79.4940, 46.1340

Monochromacy



Original Color

145.5830, 69.7240, 69.0200



Achromatopsia

146.0000, -0.0000, -0.0000



Achromatomaly

146.1690, 25.3500, 25.1740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 145.5830, 69.7240, 69.0200 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(255, 82, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 82, 186)  
}
```

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(255, 82, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 82, 186) }
```

Border

The CSS property to change the border of an element to YIQ 145.5830, 69.7240, 69.0200 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(255, 82, 186) }
```


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

```
.border{ border-color:rgb(255, 82, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 82, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 82, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 82, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 82,  
186) }
```

Background

The CSS property to change the background color of an element to YIQ 145.5830, 69.7240, 69.0200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 82, 186) }
```

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

```
.background{ background-color: rgb(255, 82,  
186) }
```

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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