

Converting Colors

YIQ(130.8570, 72.6090, 88.3290)

Have a look what the booklet for
YIQ(130.8570, 72.6090, 88.3290)
contains.

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Color

**YIQ(130.8570, 72.6090,
88.3290)**

Conversions

Conversions Part 1

Format	Color
Hex	FF36C9
RGB	255, 54, 201
RGB Percent	100%, 21%, 79%
CMY	0.0000, 0.7885, 0.2116
CMYK	0.00, 0.79, 0.21, 0.00
HSL	316°, 100%, 61%
HSV	316°, 79%, 100%
XYZ	53.1031, 28.1097, 57.9126
YIQ	130.8570, 72.6090, 88.3290

Conversions

Conversions Part 2

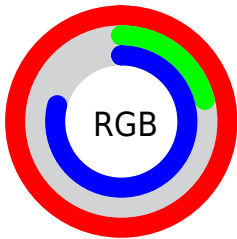
Format	Color
R _Y B	255, 54, 201
Decimal	16725705
CIE Lab	59.99, 84.28, -31.03
CIE LCh	60, 89.809, 339.786
Yxy	28.1097, 0.3817, 0.2020
Android (android.graphics.Color)	4294915785 (0xFFFF36C9)
YUV	130.8570, 34.5805, 108.8734
Hunter-Lab	53.0185, 86.0023, -27.6500

Details

The YIQ color **130.8570, 72.6090, 88.3290** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **178.1430, -72.6090, -88.3290**, and the grayscale version is **130.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **176.9290, 36.5750, 69.5590**, and **74.7640, 68.4370, 86.8450** is the 20% darker color. If you saturate the color by 10%, you get **114.7970, 82.0060, 99.7500**, and if you desaturate by 10%, it is **146.3300, 63.4870, 77.4310**.

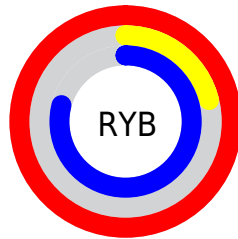
Distribution



Red (100%)

Green (21%)

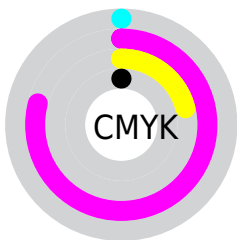
Blue (79%)



Red (100%)

Yellow (21%)

Blue (79%)

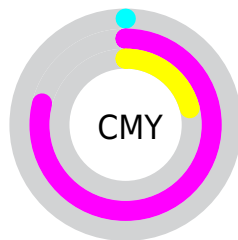


Cyan (0%)

Magenta (79%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (79%)

Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 130.8570, 72.6090, 88.3290 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 130.8570, 72.6090, 88.3290 by changing the saturation by 10% instead.


 130.8570, 72.6090,
88.3290


 130.8570, 72.6090,
88.3290


255.0000, -0.0000,
-0.0000


 86.6980, 77.9710,
101.2910


 176.9290, 36.5750,
69.5590


 74.7640, 68.4370,
86.8450


 195.1260, 28.0500,
53.3460

 62.5310, 58.3070,
72.1870


 212.7360, 19.8000,
37.6560

 51.0100, 49.0480,
58.2640

 230.9330, 11.2750,
21.4430

 39.1900, 39.1930,
44.1290

 248.5430, 3.0250,
5.7530

 28.6090, 30.1630,
31.5630

 17.1310, 19.3450,

18.3610

■ 0.0000, 0.0000,
0.0000

■ 130.8570, 72.6090,
88.3290

■ 130.8570, 72.6090,
88.3290

■ 114.7970, 82.0060,
99.7500

■ 146.3300, 63.4870,
77.4310

■ 99.3240, 91.1280,
110.6480

■ 162.3900, 54.0900,
66.0100

■ 97.5630, 91.9530,
112.2170

■ 177.8630, 44.9680,
55.1120

■ 193.8090, 35.8920,
43.3800

■ 209.2820, 26.7700,
32.4820

■ 225.3420, 17.3730,
21.0610

■ 240.8150, 8.2510,
10.1630

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.



145.3780, -7.5300, 59.3980



130.8570, 72.6090, 88.3290



100.1320, 108.1430, 83.1110

Triad

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



130.8570, 72.6090, 88.3290



133.4980, 49.3420, -46.2260



131.8290, -127.3200, -16.3760

Complementary

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



130.8570, 72.6090, 88.3290



178.1430, -72.6090, -88.3290

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.



123.7520, -103.1990, -40.5350



130.8570, 72.6090, 88.3290



113.5880, -13.4660, -75.3700

Square

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



130.8570, 72.6090, 88.3290



135.3230, 96.3320, -16.7560



112.5290, -75.7310, -64.7790



127.6860, -128.0550, -8.5590

Rectangle

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



130.8570, 72.6090, 88.3290



117.2110, 113.7890, 46.8530



112.5290, -75.7310, -64.7790



129.7940, -120.2120, -24.0520

Sweetspot

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



130.8570, 72.6090, 88.3290



217.3690, 21.9110, 26.9270



93.0600, -32.3370, 73.9590



105.1410, 13.3850, 16.2410



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.



130.8570, 72.6090, 88.3290



105.5360, 87.4150, 106.3510



119.4570, 104.7090, 57.2290



119.9130, 4.8590, 5.5550



73.0690, 68.8960, 84.0320



24.4940, 23.0570, 28.1850

Inverse Universe

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



130.8570, 72.6090, 88.3290



105.5360, 87.4150, 106.3510



189.5430, -104.7090, -57.2290



119.9130, 4.8590, 5.5550



73.0690, 68.8960, 84.0320



24.4940, 23.0570, 28.1850

Previews

White Background



This preview shows how the YIQ color 130.8570, 72.6090, 88.3290 looks on a white background.

Color Contrast Check

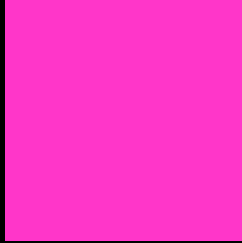
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.8570, 72.6090, 88.3290 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 × Fail

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

YIQ 130.8570, 72.6090, 88.3290

Background



This preview shows how black text looks on a background with the YIQ color 130.8570, 72.6090, 88.3290.



This preview shows how white text looks on a background with the YIQ color 130.8570, 72.6090,

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

130.8570, 72.6090, 88.3290

Protanopia

139.3450, -65.7980, 25.0660

Deuteranopia

145.3790, -19.5800, 13.4440



Tritanopia

138.0290, 90.4540, 34.7260

Trichromacy



Original Color

130.8570, 72.6090, 88.3290



Protanomaly

135.9220, -15.4140, 48.0900



Deuteranomaly

140.2070, 14.1600, 40.7520



Tritanomaly

135.6270, 83.6190, 53.9790

Monochromacy



Original Color

130.8570, 72.6090, 88.3290



Achromatopsia

131.0000, -0.0000, -0.0000



Achromatomaly

130.8690, 26.4950, 31.9590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.8570, 72.6090, 88.3290 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, 54, 201)` looks like.

```
.text, #text, p{  
    color:rgb(255, 54, 201)  
}
```

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, 54, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 54, 201) }
```

Border

The CSS property to change the border of an element to YIQ 130.8570, 72.6090, 88.3290 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, 54, 201) }
```


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

```
.border{ border-color:rgb(255, 54, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 54, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 54, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 54, 201);  
box-shadow:4px 4px 4px 4px rgb(255, 54,  
201) }
```

Background

The CSS property to change the background color of an element to YIQ 130.8570, 72.6090, 88.3290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 54, 201) }
```

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

```
.background{ background-color: rgb(255, 54,  
201) }
```

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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