

Converting Colors

XYZ(160.0392, 100.0000,
92.2328)

Have a look what the booklet for
XYZ(160.0392, 100.0000, 92.2328)
contains.

XYZ(69.7403, 53.3327, 88.2799)	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

**XYZ(69.7403, 53.3327,
88.2799)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA2EF
RGB	255, 162, 239
RGB Percent	100%, 64%, 94%
CMY	0.0000, 0.3647, 0.0627
CMYK	0.00, 0.36, 0.06, 0.00
HSL	310°, 100%, 82%
HSV	310°, 36%, 100%
XYZ	69.7403, 53.3327, 88.2799
YIQ	198.5850, 30.7110, 43.6630

Conversions

Conversions Part 2

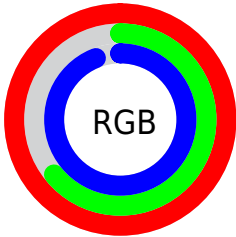
Format	Color
R _Y B	255, 162, 239
Decimal	16753391
CIE _{Lab}	78.07, 45.50, -24.30
CIE _{LCh}	78, 51.580, 331.890
Y _{xy}	53.3327, 0.3300, 0.2523
Android (android.graphics.Color)	4294943471 (0xFFFFA2EF)
YUV	198.5850, 19.9246, 49.4760
Hunter-Lab	73.0292, 42.6599, -20.5510

Details

The XYZ color **69.7403, 53.3327, 88.2799** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **58.6979, 82.4166, 54.9365**, and the grayscale version is **53.9032, 56.7104, 61.7576**.

A 20% lighter version of the original color is **84.3614, 78.6228, 105.3371**, and **36.9358, 26.0143, 47.8743** is the 20% darker color. If you saturate the color by 10%, you get **65.0553, 44.9871, 83.5597**, and if you desaturate by 10%, it is **75.3543, 63.5103, 93.3887**.

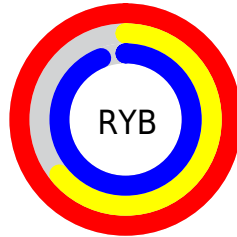
Distribution



Red (100%)

Green (64%)

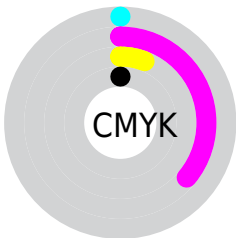
Blue (94%)



Red (100%)

Yellow (64%)

Blue (94%)

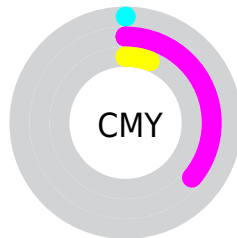


Cyan (0%)

Magenta (36%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.7403, 53.3327, 88.2799 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 XYZ color 69.7403, 53.3327, 88.2799 by changing the saturation by 10% instead.


 69.7403, 53.3327,
88.2799


 69.7403, 53.3327,
88.2799


448.9183,
399.5603, 542.8445

 51.5937, 38.0684,
65.9892


 117.8666, 95.0938,
146.8613

 36.9043, 26.0358,
47.8072


 148.5770,
122.3593, 183.9892

 25.3067, 16.8504,
33.3154


184.2061,
154.3941, 226.8999

 16.4357, 10.1279,
22.0950

225.1191,
191.5825, 276.0119

 9.9258, 5.4838,
13.7278

271.6815,
234.3090, 331.7439

 5.4116, 2.5339,
7.7950

324.2586,

 2.5280, 0.8935,

282.9578, 394.5142

3.8782

383.2157,
337.9134, 464.7416

■ 0.9094, 0.0000,
1.5587

■ 0.0000, 0.0000,
0.2611

■ 69.7403, 53.3327,
88.2799

■ 69.7403, 53.3327,
88.2799

■ 65.0553, 44.9871,
83.5597

■ 75.3543, 63.5103,
93.3887

■ 61.2399, 38.3561,
79.2057

■ 81.9442, 75.6150,
98.9004

■ 58.2340, 33.3192,
75.1981

■ 89.5585, 89.7428,
104.8322

■ 55.9677, 29.7370,
71.5131

95.0500, 100.0000,
108.9000

■ 54.3595, 27.4464,
68.1228

■ 53.3072, 26.2433,
64.9927

■ 53.0140, 25.9696,
63.9312

Harmonies

Analogous

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



61.6131, 53.3327, 118.9545



69.7403, 53.3327, 88.2799



72.5877, 53.3327, 56.2617

Triad

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



69.7403, 53.3327, 88.2799



50.0556, 53.3327, 18.4334



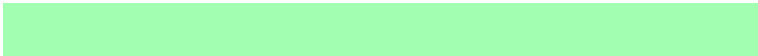
35.9764, 53.3327, 92.5318

Complementary

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



69.7403, 53.3327, 88.2799



58.6979, 82.4166, 54.9365

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.



33.7108, 53.3327, 59.9172



69.7403, 53.3327, 88.2799



41.1427, 53.3327, 22.5889

Square

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



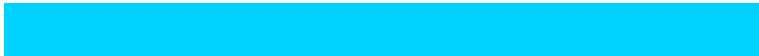
69.7403, 53.3327, 88.2799



60.3628, 53.3327, 21.6289



35.4710, 53.3327, 35.6830



42.1120, 53.3327, 121.9268

Rectangle

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



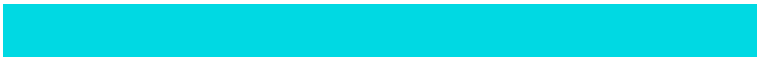
69.7403, 53.3327, 88.2799



70.8432, 53.3327, 39.7668



35.4710, 53.3327, 35.6830



34.7765, 53.3327, 81.2719

Sweetspot

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



69.7415, 53.3349, 88.2810



85.9781, 83.0839, 102.0910



49.2182, 42.4694, 100.2111



18.1826, 17.3747, 21.6798



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.7415, 53.3349, 88.2810



66.1287, 46.8834, 84.6901



63.7875, 50.9533, 56.9275



18.6506, 18.2436, 22.0432



27.7502, 13.5894, 33.6648



2.7357, 1.3367, 3.4558

Inverse Universe

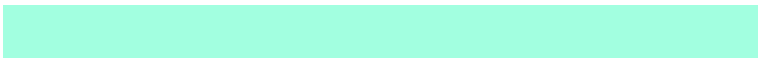
The Inverse Universe completely reimagines the original color for something new.



69.7415, 53.3349, 88.2810



66.1287, 46.8834, 84.6901



64.1164, 84.5840, 83.4695



18.6506, 18.2436, 22.0432



27.7502, 13.5894, 33.6648



2.7357, 1.3367, 3.4558

Previews

White Background



This preview shows how the XYZ color 69.7403, 53.3327, 88.2799 looks on a white background.

Color Contrast Check

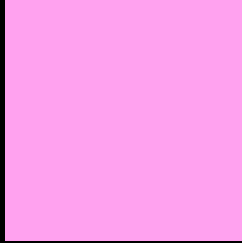
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 69.7403, 53.3327, 88.2799 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](#).

XYZ 69.7403, 53.3327, 88.2799

Background



This preview shows how black text looks on a background with the XYZ color 69.7403, 53.3327, 88.2799.



This preview shows how white text looks on a background with the XYZ color 69.7403, 53.3327,

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

69.7403, 53.3327, 88.2799

Protanopia

54.5853, 53.7117, 102.0982

Deuteranopia

54.7871, 53.5422, 85.2890



Tritanopia

62.5179, 53.3888, 53.4644

Trichromacy



Original Color

69.7403, 53.3327, 88.2799



Protanomaly

58.5970, 52.4612, 96.6602



Deuteranomaly

59.2848, 52.7434, 86.4127



Tritanomaly

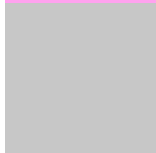
64.9911, 53.2929, 64.6188

Monochromacy



Original Color

69.7403, 53.3327, 88.2799



Achromatopsia

54.2854, 57.1125, 62.1955



Achromatomaly

58.9099, 55.0329, 71.1359

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.7403, 53.3327, 88.2799 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, 162, 239)` looks like.

```
.text, #text, p{  
    color:rgb(255, 162, 239)  
}
```

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, 162, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 162, 239) }
```

Border

The CSS property to change the border of an element to XYZ 69.7403, 53.3327, 88.2799 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, 162, 239) }
```


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

```
.border{ border-color:rgb(255, 162, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 162, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 162, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 162, 239);  
box-shadow:4px 4px 4px 4px rgb(255, 162,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 69.7403, 53.3327, 88.2799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 162, 239) }
```

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

```
.background{ background-color: rgb(255,  
162, 239) }
```

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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