

Converting Colors

XYZ(71.3981, 56.5786, 89.0469)

Have a look what the booklet for
XYZ(71.3981, 56.5786, 89.0469)
contains.

XYZ(71.3829, 56.6178, 88.8274)	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(71.3829, 56.6178,
88.8274)**

Conversions

Conversions Part 1

Format	Color
Hex	FFABEF
RGB	255, 171, 239
RGB Percent	100%, 67%, 94%
CMY	0.0000, 0.3294, 0.0627
CMYK	0.00, 0.33, 0.06, 0.00
HSL	311°, 100%, 84%
HSV	311°, 33%, 100%
XYZ	71.3829, 56.6178, 88.8274
YIQ	203.8680, 28.2360, 38.9560

Conversions

Conversions Part 2

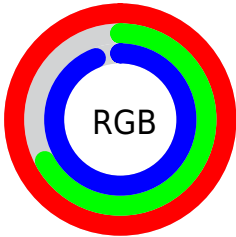
Format	Color
R _Y B	255, 171, 239
Decimal	16755695
CIE Lab	79.96, 40.85, -21.42
CIE LCh	80, 46.126, 332.326
Yxy	56.6178, 0.3292, 0.2611
Android (android.graphics.Color)	4294945775 (0xFFFFABEF)
YUV	203.8680, 17.3201, 44.8428
Hunter-Lab	75.2448, 37.6602, -17.3212

Details

The XYZ color **71.3829, 56.6178, 88.8274** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **61.5260, 83.7666, 59.9422**, and the grayscale version is **57.1941, 60.1726, 65.5280**.

A 20% lighter version of the original color is **86.7591, 83.4182, 106.1364**, and **37.9345, 28.0118, 48.2072** is the 20% darker color. If you saturate the color by 10%, you get **66.3148, 47.6145, 83.6456**, and if you desaturate by 10%, it is **77.4018, 67.4915, 94.4227**.

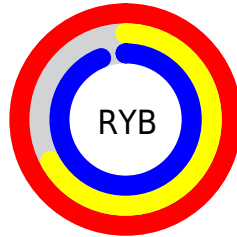
Distribution



Red (100%)

Green (67%)

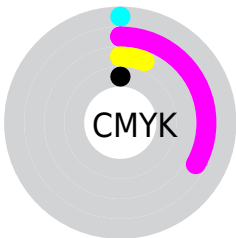
Blue (94%)



Red (100%)

Yellow (67%)

Blue (94%)

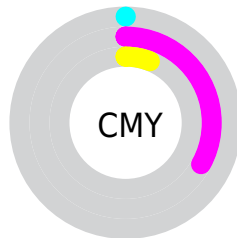


Cyan (0%)

Magenta (33%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (33%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.3829, 56.6178, 88.8274 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 71.3829, 56.6178, 88.8274 by changing the saturation by 10% instead.


 71.3829, 56.6178,
88.8274

 71.3829, 56.6178,
88.8274

454.5819,
412.0156, 544.6804

 52.9384, 40.6985,
66.4403


 120.1943, 99.9073,
147.6298

 37.9809, 28.0835,
48.1712

151.2920,
128.0462, 184.8821

 26.1450, 18.3886,
33.6015

187.3380,
161.0272, 227.9266

 17.0654, 11.2294,
22.3128

228.6978,
199.2345, 277.1818

 10.3767, 6.2213,
13.8864

275.7367,
243.0526, 333.0662

 5.7136, 2.9801,
7.9038

328.8202,

 2.7107, 1.1214,

292.8659, 395.9985

3.9466

388.3134,
349.0588, 466.3970

■ 1.0027, 0.0000,
1.5961

■ 0.0000, 0.0000,
0.2880

■ 71.3829, 56.6178,
88.8274

■ 71.3829, 56.6178,
88.8274

■ 66.3148, 47.6145,
83.6456

■ 77.4018, 67.4915,
94.4227

■ 62.1401, 40.3675,
78.8553

■ 84.4173, 80.3275,
100.4454

■ 58.8007, 34.7608,
74.4372

■ 92.4767, 95.2197,
106.9126

■ 56.2302, 30.6616,
70.3682

95.0500, 100.0000,
108.9000

■ 54.3515, 27.9164,
66.6220

■ 53.0716, 26.3389,
63.1668

■ 52.4327, 25.7371,
60.8699

Harmonies

Analogous

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



64.0255, 56.6178, 116.2843



71.3829, 56.6178, 88.8274



73.8799, 56.6178, 59.5786

Triad

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



71.3829, 56.6178, 88.8274



53.0863, 56.6178, 23.1489



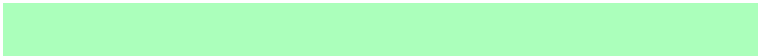
39.9894, 56.6178, 93.5308

Complementary

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



71.3829, 56.6178, 88.8274



61.5260, 83.7666, 59.9422

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.



37.7555, 56.6178, 63.7630



71.3829, 56.6178, 88.8274



44.7496, 56.6178, 27.5370

Square

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



71.3829, 56.6178, 88.8274



62.6153, 56.6178, 26.3325



39.3931, 56.6178, 40.6679



45.8779, 56.6178, 119.5075

Rectangle

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



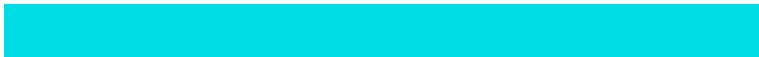
71.3829, 56.6178, 88.8274



72.2435, 56.6178, 44.0627



39.3931, 56.6178, 40.6679



38.8192, 56.6178, 83.3797

Sweetspot

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



71.3842, 56.6201, 88.8286



86.6756, 84.4868, 102.2992



52.9622, 46.8379, 100.8570



18.3186, 17.6531, 21.7055



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.



71.3842, 56.6201, 88.8286



67.7093, 50.0737, 85.1272



65.9514, 54.4470, 60.2202



18.6356, 18.2375, 21.9640



27.4502, 13.4694, 32.0847



2.7091, 1.3260, 3.3158

Inverse Universe

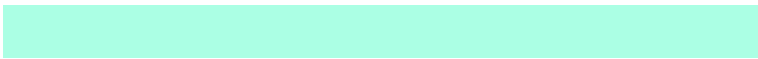
The Inverse Universe completely reimagines the original color for something new.



71.3842, 56.6201, 88.8286



67.7093, 50.0737, 85.1272



66.6153, 85.8024, 86.7421



18.6356, 18.2375, 21.9640



27.4502, 13.4694, 32.0847



2.7091, 1.3260, 3.3158

Previews

White Background



This preview shows how the XYZ color 71.3829, 56.6178, 88.8274 looks on a white background.

Color Contrast Check

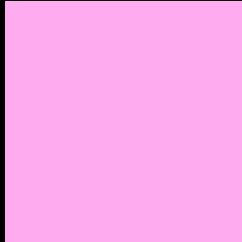
Large Text (above 18pt) WCAG AA × Fail

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 71.3829, 56.6178, 88.8274 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

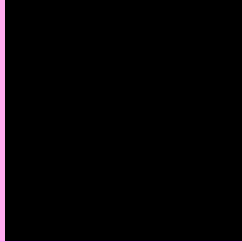
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.3829, 56.6178, 88.8274

Background



This preview shows how black text looks on a background with the XYZ color 71.3829, 56.6178, 88.8274.



This preview shows how white text looks on a background with the XYZ color 71.3829, 56.6178,

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

71.3829, 56.6178, 88.8274

Protanopia

57.5447, 57.2198, 102.6193

Deuteranopia

58.1066, 56.8611, 86.5100



Tritanopia

65.0138, 56.6325, 57.9566

Trichromacy



Original Color

71.3829, 56.6178, 88.8274



Protanomaly

61.3766, 56.3613, 97.2665



Deuteranomaly

62.2144, 56.3896, 86.9621



Tritanomaly

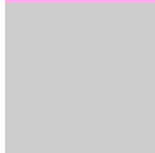
67.1387, 56.6067, 68.3604

Monochromacy



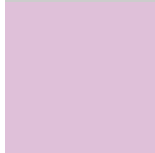
Original Color

71.3829, 56.6178, 88.8274



Achromatopsia

57.3938, 60.3827, 65.7568



Achromatomaly

61.8054, 58.3970, 73.6599

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.3829, 56.6178, 88.8274 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, 171, 239)` looks like.

```
.text, #text, p{  
    color:rgb(255, 171, 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, 171, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 171, 239) }
```

Border

The CSS property to change the border of an element to XYZ 71.3829, 56.6178, 88.8274 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, 171, 239) }
```


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

```
.border{ border-color:rgb(255, 171, 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, 171, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 171, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 171, 239);  
box-shadow:4px 4px 4px 4px rgb(255, 171,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 71.3829, 56.6178, 88.8274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 171, 239) }
```

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

```
.background{ background-color: rgb(255,  
171, 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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