

Converting Colors

XYZ(79.0648, 59.6343,
155.9594)

Have a look what the booklet for
XYZ(79.0648, 59.6343, 155.9594)
contains.

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Color

**XYZ(68.9288, 55.6324,
101.7129)**

Conversions

Conversions Part 1

Format	Color
Hex	F0ADFF
RGB	240, 173, 255
RGB Percent	94%, 68%, 100%
CMY	0.0588, 0.3215, 0.0000
CMYK	0.06, 0.32, 0.00, 0.00
HSL	289°, 100%, 84%
HSV	289°, 32%, 100%
XYZ	68.9288, 55.6324, 101.7129
YIQ	202.3810, 13.6100, 39.7060

Conversions

Conversions Part 2

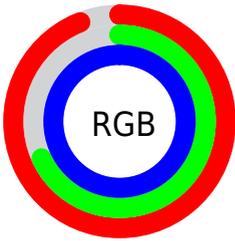
Format	Color
R _Y B	240, 173, 255
Decimal	15773183
CIE Lab	79.40, 37.99, -31.02
CIE LCh	79, 49.048, 320.770
Yxy	55.6324, 0.3046, 0.2459
Android (android.graphics.Color)	4293963263 (0xFFFF0ADFF)
YUV	202.3810, 25.9412, 32.9919
Hunter-Lab	74.5871, 34.4312, -28.6415

Details

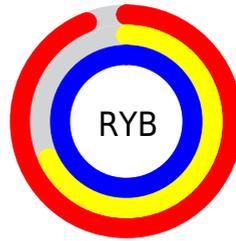
The XYZ color **68.9288, 55.6324, 101.7129** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **64.0431, 85.2291, 52.6132**, and the grayscale version is **56.2155, 59.1430, 64.4068**.

A 20% lighter version of the original color is **87.3093, 84.5186, 106.3198**, and **36.4380, 27.5774, 56.8286** is the 20% darker color. If you saturate the color by 10%, you get **62.9351, 45.9646, 100.1628**, and if you desaturate by 10%, it is **75.8996, 67.1920, 103.5767**.

Distribution



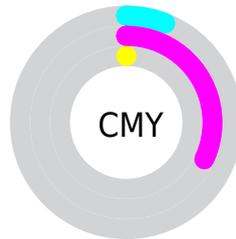
- Red (94%)
- Green (68%)
- Blue (100%)



- Red (94%)
- Yellow (68%)
- Blue (100%)



- Cyan (6%)
- Magenta (32%)
- Yellow (0%)
- Black (0%)



- Cyan (6%)
- Magenta (32%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.9288, 55.6324, 101.7129 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 68.9288, 55.6324, 101.7129 by changing the saturation by 10% instead.

68.9288, 55.6324,
101.7129

68.9288, 55.6324,
101.7129

446.1051,
408.3047, 586.9641

50.9302, 39.9083,
77.1070

116.7145, 98.4669,
165.5815

36.3738, 27.4670,
56.8286

147.2323,
126.3461, 205.6812

24.8945, 17.9243,
40.4592

182.6538,
159.0457, 251.7826

16.1268, 10.8956,
27.5803

223.3444,
196.9502, 304.3043

9.7053, 5.9967,
17.7732

269.6695,
240.4439, 363.6647

5.2648, 2.8431,
10.6195

321.9944,

2.4398, 1.0504,

289.9113, 430.2825

5.7007

380.6845,
345.7368, 504.5761

■ 0.8650, 0.0000,
2.5981

■ 0.0000, 0.0000,
0.8915

■ 68.9288, 55.6324,
101.7129

■ 68.9288, 55.6324,
101.7129

■ 62.9351, 45.9646,
100.1628

■ 75.8996, 67.1920,
103.5767

■ 57.8599, 38.0750,
98.9074

■ 83.8919, 80.7346,
105.7695

■ 53.6461, 31.8485,
97.9277

■ 92.9532, 96.3539,
108.3067

■ 50.2276, 27.1535,
97.2016

■ 95.0500, 100.0000,
108.9000

■ 47.5283, 23.8384,
96.7040

■ 45.4564, 21.7200,
96.4043

■ 44.1631, 20.6818,
96.2721

Harmonies

Analogous

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



59.8743, 55.6324, 126.6783



68.9288, 55.6324, 101.7129



73.8374, 55.6324, 69.6881

Triad

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



68.9288, 55.6324, 101.7129



55.9702, 55.6324, 21.2865



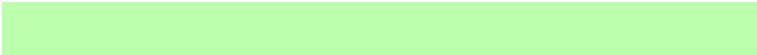
37.0856, 55.6324, 81.8933

Complementary

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



68.9288, 55.6324, 101.7129



64.0431, 85.2291, 52.6132

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.



36.3138, 55.6324, 52.2918



68.9288, 55.6324, 101.7129



46.4472, 55.6324, 22.7218

Square

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



68.9288, 55.6324, 101.7129



65.7683, 55.6324, 27.5489



39.5332, 55.6324, 32.3609



41.7909, 55.6324, 112.9896

Rectangle

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



68.9288, 55.6324, 101.7129



73.7272, 55.6324, 51.0022



39.5332, 55.6324, 32.3609



36.3825, 55.6324, 71.2746

Sweetspot

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



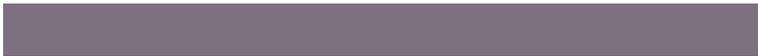
68.9305, 55.6347, 101.7133



85.7526, 83.9218, 106.2866



53.2759, 52.0873, 101.8536



18.0936, 17.5154, 22.6771



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.



68.9305, 55.6347, 101.7133



64.7245, 48.8179, 100.6192



70.3323, 56.8082, 81.4125



18.4477, 18.1225, 22.7756



23.1938, 10.8673, 50.3097



2.3391, 1.0998, 4.9023

Inverse Universe

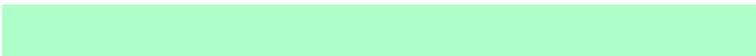
The Inverse Universe completely reimagines the original color for something new.



65.2620, 54.7801, 54.7125



60.6678, 47.9321, 45.9662



63.3000, 84.5269, 66.9937



18.1450, 18.0413, 19.3809



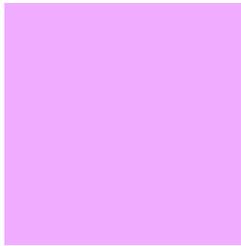
21.8519, 11.2300, 2.6046



2.1624, 1.1073, 0.4368

Previews

White Background



This preview shows how the XYZ color 68.9288, 55.6324, 101.7129 looks on a white background.

Color Contrast Check

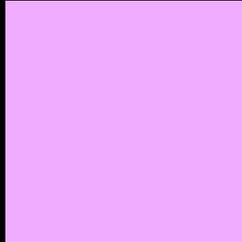
Large Text (above 18pt) WCAG AA × Fail

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 68.9288, 55.6324, 101.7129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

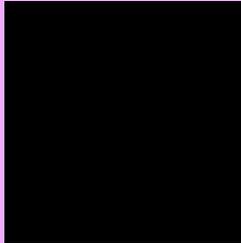
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.9288, 55.6324, 101.7129

Background



This preview shows how black text looks on a background with the XYZ color 68.9288, 55.6324, 101.7129.



This preview shows how white text looks on a background with the XYZ color 68.9288, 55.6324,

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

68.9288, 55.6324, 101.7129

Protanopia

56.3875, 55.9535, 102.4359

Deuteranopia

57.2216, 55.7963, 99.0207



Tritanopia

60.6122, 55.5140, 60.9467

Trichromacy



Original Color

68.9288, 55.6324, 101.7129



Protanomaly

60.1774, 55.3172, 102.1133



Deuteranomaly

60.8617, 55.4115, 99.5832



Tritanomaly

63.3684, 55.4192, 74.3749

Monochromacy



Original Color

68.9288, 55.6324, 101.7129



Achromatopsia

56.1383, 59.0619, 64.3184



Achromatomaly

60.0008, 57.0810, 76.2620

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.9288, 55.6324, 101.7129 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(240, 173, 255)` looks like.

```
.text, #text, p{  
    color:rgb(240, 173, 255)  
}
```

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(240, 173, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 173, 255) }
```

Border

The CSS property to change the border of an element to XYZ 68.9288, 55.6324, 101.7129 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(240, 173, 255) }
```

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

```
.border{ border-color:rgb(240, 173, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 173, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 173, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 173, 255);  
box-shadow:4px 4px 4px 4px rgb(240, 173,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 68.9288, 55.6324, 101.7129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 173, 255) }
```

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

```
.background{ background-color: rgb(240,  
173, 255) }
```

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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