

Converting Colors

XYZ(69.2661, 55.9858, 77.0183)

Have a look what the booklet for
XYZ(69.2661, 55.9858, 77.0183)
contains.

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Color

**XYZ(69.3118, 56.0928,
76.9859)**

Conversions

Conversions Part 1

Format	Color
Hex	FFACDF
RGB	255, 172, 223
RGB Percent	100%, 67%, 87%
CMY	0.0000, 0.3255, 0.1255
CMYK	0.00, 0.33, 0.13, 0.00
HSL	323°, 100%, 84%
HSV	323°, 33%, 100%
XYZ	69.3118, 56.0928, 76.9859
YIQ	202.6310, 33.0970, 33.4570

Conversions

Conversions Part 2

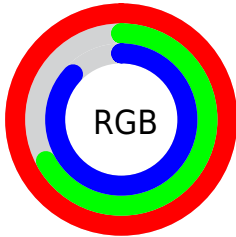
Format	Color
R_{YB}	255, 172, 223
Decimal	16755935
CIE Lab	79.67, 37.69, -13.23
CIE LCh	80, 39.948, 340.655
Yxy	56.0928, 0.3425, 0.2772
Android (android.graphics.Color)	4294946015 (0xFFFFACDF)
YUV	202.6310, 10.0419, 45.9276
Hunter-Lab	74.8951, 34.1266, -8.5186

Details

The XYZ color **69.3118, 56.0928, 76.9859** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **63.6743, 84.6512, 70.1133**, and the grayscale version is **56.4593, 59.3996, 64.6861**.

A 20% lighter version of the original color is **87.0334, 83.9668, 106.2278**, and **36.5723, 27.6543, 40.4560** is the 20% darker color. If you saturate the color by 10%, you get **63.6288, 46.7869, 68.7407**, and if you desaturate by 10%, it is **76.0055, 67.2964, 85.9492**.

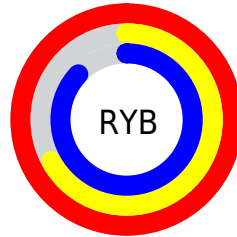
Distribution



Red (100%)

Green (67%)

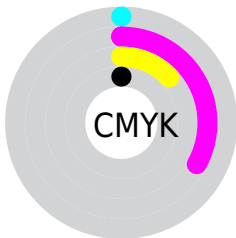
Blue (87%)



Red (100%)

Yellow (67%)

Blue (87%)

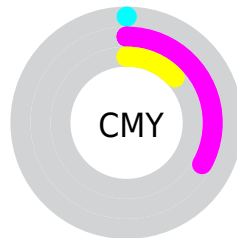


Cyan (0%)

Magenta (33%)

Yellow (13%)

Black (0%)



Cyan (0%)

Magenta (33%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.3118, 56.0928, 76.9859 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 69.3118, 56.0928, 76.9859 by changing the saturation by 10% instead.

69.3118, 56.0928,
76.9859

69.3118, 56.0928,
76.9859

447.4341,
410.0411, 504.1523

51.2432, 40.2773,
56.7298

117.2584, 99.1402,
130.8924

36.6241, 27.7548,
40.3804

147.8672,
127.1410, 165.3799

25.0889, 18.1409,
27.5193

183.3868,
159.9723, 205.4483

16.2724, 11.0512,
17.7277

224.1826,
198.0186, 251.5161

9.8092, 6.1013,
10.5873

270.6198,
241.6642, 304.0019

5.3339, 2.9068,
5.6794

323.0639,

2.4812, 1.0833,


291.2936, 363.3241


2.5855

381.8802,
347.2911, 429.9014


 0.8858, 0.0000,
0.8850


 0.0000, 0.0000,
0.0000


 69.3118, 56.0928,
76.9859


 69.3118, 56.0928,
76.9859


 63.6288, 46.7869,
68.7407


 76.0055, 67.2964,
85.9492

 58.8979, 39.2642,
61.1855

 83.7564, 80.4895,
95.6502

 55.0601, 33.4088,
54.2950

 92.6127, 95.7663,
106.1119

 52.0481, 29.0881,
48.0398

95.0500, 100.0000,
108.9000

■ 49.7843, 26.1492,
42.3872

■ 48.1748, 24.4067,
37.2989

■ 47.2987, 23.6835,
33.8348

Harmonies

Analogous

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



64.0602, 56.0928, 101.3057



69.3118, 56.0928, 76.9859



70.0381, 56.0928, 53.2322

Triad

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



69.3118, 56.0928, 76.9859



50.5005, 56.0928, 27.0210



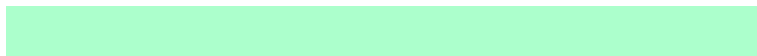
42.4022, 56.0928, 94.7891

Complementary

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



69.3118, 56.0928, 76.9859



63.6743, 84.6512, 70.1133

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.



39.4905, 56.0928, 69.6538



69.3118, 56.0928, 76.9859



43.8432, 56.0928, 33.2166

Square

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



69.3118, 56.0928, 76.9859



58.6137, 56.0928, 28.0440



39.9901, 56.0928, 47.5237



48.3448, 56.0928, 113.2438

Rectangle

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



69.3118, 56.0928, 76.9859



67.7857, 56.0928, 41.1282



39.9901, 56.0928, 47.5237



41.0650, 56.0928, 86.6110

Sweetspot

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



69.3131, 56.0952, 76.9870



85.9050, 84.1786, 98.2414



57.6564, 49.5394, 101.1310



18.1315, 17.5783, 20.7203



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.



69.3131, 56.0952, 76.9870



65.5328, 49.8781, 71.5849



64.4051, 54.1320, 51.1416



18.4785, 18.1747, 21.1368



24.7899, 12.4052, 18.0758



2.4672, 1.2292, 2.0415

Inverse Universe

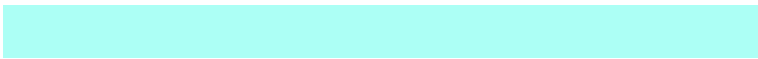
The Inverse Universe completely reimagines the original color for something new.



69.3131, 56.0952, 76.9870



65.5328, 49.8781, 71.5849



69.3046, 86.9033, 99.7618



18.4785, 18.1747, 21.1368



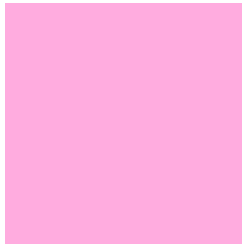
24.7899, 12.4052, 18.0758



2.4672, 1.2292, 2.0415

Previews

White Background



This preview shows how the XYZ color 69.3118, 56.0928, 76.9859 looks on a white background.

Color Contrast Check

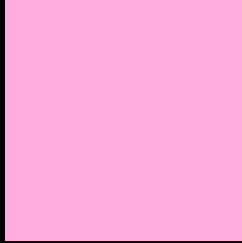
Large Text (above 18pt) WCAG AA × Fail

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 69.3118, 56.0928, 76.9859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

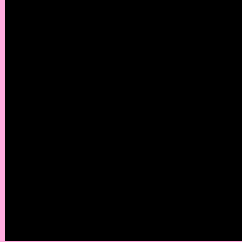
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.3118, 56.0928, 76.9859

Background



This preview shows how black text looks on a background with the XYZ color 69.3118, 56.0928, 76.9859.



This preview shows how white text looks on a background with the XYZ color 69.3118, 56.0928,

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

69.3118, 56.0928, 76.9859

Protanopia

56.3062, 56.5307, 89.6052

Deuteranopia

57.3679, 56.0791, 74.8186



Tritanopia

65.1080, 56.1116, 56.6893

Trichromacy



Original Color

69.3118, 56.0928, 76.9859



Protanomaly

59.9189, 55.5700, 84.6588



Deuteranomaly

61.0077, 55.7125, 75.2483



Tritanomaly

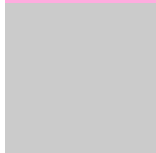
66.4497, 56.0579, 63.8179

Monochromacy



Original Color

69.3118, 56.0928, 76.9859



Achromatopsia

56.7640, 59.7202, 65.0353



Achromatomaly

60.6067, 57.8820, 68.9508

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.3118, 56.0928, 76.9859 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, 172, 223)` looks like.

```
.text, #text, p{  
    color:rgb(255, 172, 223)  
}
```

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, 172, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 172, 223) }
```

Border

The CSS property to change the border of an element to XYZ 69.3118, 56.0928, 76.9859 is called "border". The border property can be set on classes, ids or directly on the HTML element.

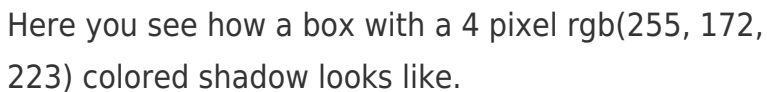
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 172, 223) }
```


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

```
.border{ border-color:rgb(255, 172, 223) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 172, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 172, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 172, 223); box-shadow:4px 4px 4px 4px rgb(255, 172, 223) }
```

Background

The CSS property to change the background color of an element to XYZ 69.3118, 56.0928, 76.9859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 172, 223) }
```

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

```
.background{ background-color: rgb(255,  
172, 223) }
```

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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