

Converting Colors

XYZ(68.2020, 56.2901, 69.1645)

Have a look what the booklet for
XYZ(68.2020, 56.2901, 69.1645)
contains.

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Color

**XYZ(68.1339, 56.2353,
68.8915)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAED3
RGB	255, 174, 211
RGB Percent	100%, 68%, 83%
CMY	0.0000, 0.3176, 0.1725
CMYK	0.00, 0.32, 0.17, 0.00
HSL	333°, 100%, 84%
HSV	333°, 32%, 100%
XYZ	68.1339, 56.2353, 68.8915
YIQ	202.4370, 36.3990, 28.6790

Conversions

Conversions Part 2

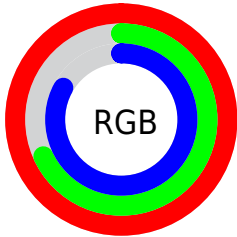
Format	Color
R _Y B	255, 174, 211
Decimal	16756435
CIE Lab	79.75, 34.78, -6.62
CIE LCh	80, 35.404, 349.230
Yxy	56.2353, 0.3525, 0.2910
Android (android.graphics.Color)	4294946515 (0xFFFFAED3)
YUV	202.4370, 4.2216, 46.0978
Hunter-Lab	74.9902, 30.9470, -1.9750

Details

The XYZ color **68.1339, 56.2353, 68.8915** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **65.8726, 85.5816, 79.3803**, and the grayscale version is **56.3718, 59.3075, 64.5859**.

A 20% lighter version of the original color is **87.5868, 85.0736, 106.4123**, and **35.8282, 27.7376, 35.3638** is the 20% darker color. If you saturate the color by 10%, you get **62.0046, 46.6371, 58.6465**, and if you desaturate by 10%, it is **75.3508, 67.7686, 80.2388**.

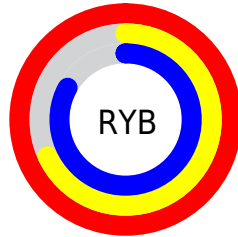
Distribution



Red (100%)

Green (68%)

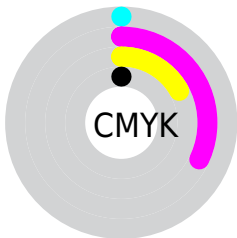
Blue (83%)



Red (100%)

Yellow (68%)

Blue (83%)

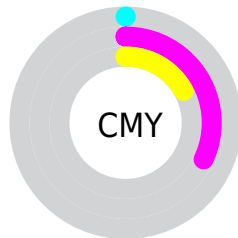


Cyan (0%)

Magenta (32%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (32%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.1339, 56.2353, 68.8915 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 68.1339, 56.2353, 68.8915 by changing the saturation by 10% instead.


 68.1339, 56.2353,
68.8915

 68.1339, 56.2353,
68.8915


443.3396,
410.5776, 475.3318

 50.2807, 40.3916,
50.1521


 115.5845, 99.3485,
119.2928

 35.8552, 27.8440,
35.1623


145.9127,
127.3869, 151.7919

 24.4920, 18.2081,
23.5034


181.1300,
160.2588, 189.7146

 15.8257, 11.0995,
14.7568

221.6016,
198.3489, 233.4795

 9.4910, 6.1338,
8.5042

267.6931,
242.0414, 283.5051

 5.1224, 2.9266,
4.3269


319.7696,


 2.3548, 1.0935,


291.7208, 340.2100


1.8063


378.1967,
347.7714, 404.0127


 0.8225, 0.0000,
0.4321

 0.0000, 0.0000,
0.0000


 68.1339, 56.2353,
68.8915


 68.1339, 56.2353,
68.8915


 62.0046, 46.6371,
58.6465


 75.3508, 67.7686,
80.2388

 56.9018, 38.8587,
49.4629

 83.7036, 81.3286,
92.7204

 52.7648, 32.7845,
41.3018

 93.2426, 97.0101,
106.3709

 49.5239, 28.2820,
34.1199

95.0500, 100.0000,
108.9000

■ 47.0997, 25.1989,
27.8697

■ 45.3970, 23.3521,
22.4973

■ 44.4200, 22.5320,
18.6759

Harmonies

Analogous

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



64.5589, 56.2353, 90.7276



68.1339, 56.2353, 68.8915



67.5184, 56.2353, 49.1508

Triad

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



68.1339, 56.2353, 68.8915



49.0463, 56.2353, 31.0577



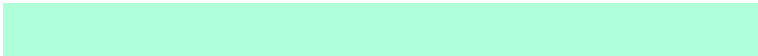
44.9610, 56.2353, 96.1736

Complementary

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



68.1339, 56.2353, 68.8915



65.8726, 85.5816, 79.3803

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.



41.4856, 56.2353, 75.1435



68.1339, 56.2353, 68.8915



43.6946, 56.2353, 38.9395

Square

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



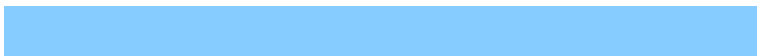
68.1339, 56.2353, 68.8915



56.0619, 56.2353, 30.1110



41.0436, 56.2353, 54.1599



50.9204, 56.2353, 108.6575

Rectangle

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



68.1339, 56.2353, 68.8915



64.8289, 56.2353, 39.5427



41.0436, 56.2353, 54.1599



43.4871, 56.2353, 89.6769

Sweetspot

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



68.1353, 56.2378, 68.8926



85.2971, 83.9354, 95.0401



61.8629, 52.2774, 101.4378



17.9844, 17.5195, 19.9459



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.



68.1353, 56.2378, 68.8926



64.1873, 50.0292, 62.3745



64.5448, 55.6446, 47.3863



18.3544, 18.1251, 20.4835



23.2837, 11.8028, 10.1442



2.3214, 1.1709, 1.2738

Inverse Universe

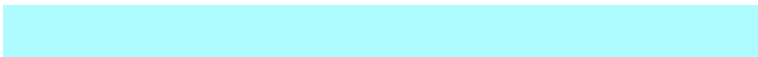
The Inverse Universe completely reimagines the original color for something new.



68.1353, 56.2378, 68.8926



64.1873, 50.0292, 62.3745



70.4117, 86.0289, 107.5019



18.3544, 18.1251, 20.4835



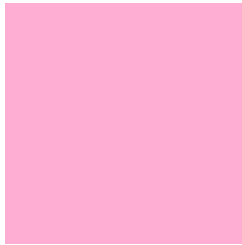
23.2837, 11.8028, 10.1442



2.3214, 1.1709, 1.2738

Previews

White Background



This preview shows how the XYZ color 68.1339, 56.2353, 68.8915 looks on a white background.

Color Contrast Check

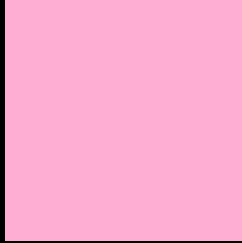
Large Text (above 18pt) WCAG AA × Fail

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 68.1339, 56.2353, 68.8915 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 68.1339, 56.2353, 68.8915

Background



This preview shows how black text looks on a background with the XYZ color 68.1339, 56.2353, 68.8915.



This preview shows how white text looks on a background with the XYZ color 68.1339, 56.2353,

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

68.1339, 56.2353, 68.8915

Protanopia

55.8050, 56.8381, 79.2638

Deuteranopia

57.6754, 56.3995, 67.5209



Tritanopia

65.6341, 56.0885, 56.6571

Trichromacy



Original Color

68.1339, 56.2353, 68.8915



Protanomaly

59.4348, 56.1614, 75.4178



Deuteranomaly

60.8525, 55.7954, 67.8839



Tritanomaly

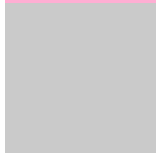
66.5914, 56.1987, 60.7638

Monochromacy



Original Color

68.1339, 56.2353, 68.8915



Achromatopsia

56.1383, 59.0619, 64.3184



Achromatomaly

59.6879, 57.4792, 65.7063

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.1339, 56.2353, 68.8915 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, 174, 211)` looks like.

```
.text, #text, p{  
    color:rgb(255, 174, 211)  
}
```

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, 174, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 174, 211) }
```

Border

The CSS property to change the border of an element to XYZ 68.1339, 56.2353, 68.8915 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, 174, 211) }
```


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

```
.border{ border-color:rgb(255, 174, 211) }
```

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

Here you see how a box with a 4 pixel rgb(255, 174, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 174, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 174, 211);  
box-shadow:4px 4px 4px 4px rgb(255, 174,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 68.1339, 56.2353, 68.8915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 174, 211) }
```

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

```
.background{ background-color: rgb(255,  
174, 211) }
```

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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