

Converting Colors

XYZ(67.3106, 56.0252, 66.6262)

Have a look what the booklet for
XYZ(67.3106, 56.0252, 66.6262)
contains.

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Color

**XYZ(67.5882, 56.2848,
66.9763)**

Conversions

Conversions Part 1

Format	Color
Hex	FEAFD0
RGB	254, 175, 208
RGB Percent	100%, 69%, 82%
CMY	0.0039, 0.3137, 0.1843
CMYK	0.00, 0.31, 0.18, 0.00
HSL	335°, 98%, 84%
HSV	335°, 31%, 100%
XYZ	67.5882, 56.2848, 66.9763
YIQ	202.3830, 36.4910, 27.0110

Conversions

Conversions Part 2

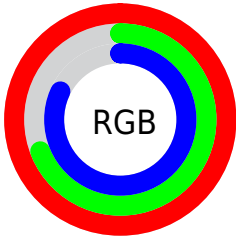
Format	Color
R_{YB}	254, 175, 208
Decimal	16691152
CIE _{Lab}	79.78, 33.46, -4.96
CIE _{LCh}	80, 33.827, 351.566
Yxy	56.2848, 0.3541, 0.2949
Android (android.graphics.Color)	4294881232 (0xFFFEAFD0)
YUV	202.3830, 2.7692, 45.2681
Hunter-Lab	75.0232, 29.5196, -0.4144

Details

The XYZ color **67.5882, 56.2848, 66.9763** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **66.1745, 85.2196, 81.3718**, and the grayscale version is **56.3468, 59.2812, 64.5573**.

A 20% lighter version of the original color is **87.8659, 85.6318, 106.5053**, and **35.5572, 27.9879, 34.1000** is the 20% darker color. If you saturate the color by 10%, you get **61.3661, 46.6178, 56.3390**, and if you desaturate by 10%, it is **74.9131, 67.8844, 78.8197**.

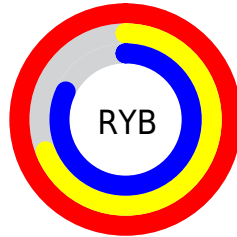
Distribution



Red (100%)

Green (69%)

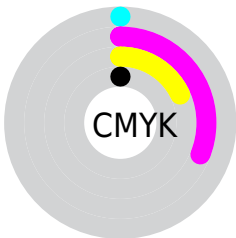
Blue (82%)



Red (100%)

Yellow (69%)

Blue (82%)

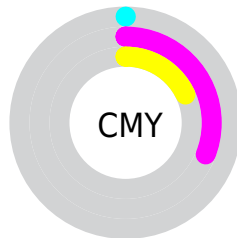


Cyan (0%)

Magenta (31%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.5882, 56.2848, 66.9763 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 67.5882, 56.2848, 66.9763 by changing the saturation by 10% instead.


 67.5882, 56.2848,
66.9763

 67.5882, 56.2848,
66.9763


441.4352,
410.7639, 468.3596

 49.8352, 40.4313,
48.6039


 114.8080, 99.4209,
116.5268

 35.4998, 27.8750,
33.9420


145.0055,
127.4722, 148.5419

 24.2164, 18.2314,
22.5720


180.0820,
160.3583, 185.9417

 15.6198, 11.1163,
14.0755

220.4027,
198.4636, 229.1447

 9.3447, 6.1451,
8.0338

266.3330,
242.1724, 278.5695

 5.0256, 2.9335,
4.0285


318.2383,


 2.2972, 1.0971,


291.8691, 334.6345


1.6410


376.4839,
347.9381, 397.7584


 0.7932, 0.0000,
0.3198


 0.0000, 0.0000,
0.0000


 67.5882, 56.2848,
66.9763


 67.5882, 56.2848,
66.9763


 61.3661, 46.6178,
56.3390


 74.9131, 67.8844,
78.8197

 56.1849, 38.7692,
46.8626

 83.3884, 81.5069,
91.9052

 51.9842, 32.6249,
38.5038

 93.0650, 97.2463,
106.2715

 48.6945, 28.0543,
31.2146

94.6834, 99.8110,
108.8828

■ 46.2369, 24.9079,
24.9423

■ 44.5172, 23.0063,
19.6280

■ 43.4797, 22.1135,
15.6377

Harmonies

Analogous

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



64.4735, 56.2848, 87.8037



67.5882, 56.2848, 66.9763



66.6826, 56.2848, 48.4573

Triad

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



67.5882, 56.2848, 66.9763



48.8074, 56.2848, 32.5078



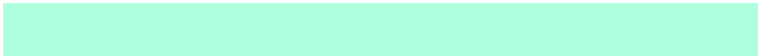
45.7317, 56.2848, 95.7733

Complementary

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



67.5882, 56.2848, 66.9763



66.1745, 85.2196, 81.3718

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.



42.1753, 56.2848, 76.1965



67.5882, 56.2848, 66.9763



43.8429, 56.2848, 40.7278

Square

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



67.5882, 56.2848, 66.9763



55.4491, 56.2848, 31.0689



41.5146, 56.2848, 55.9248



51.5913, 56.2848, 106.5984

Rectangle

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



67.5882, 56.2848, 66.9763



63.9517, 56.2848, 39.5388



41.5146, 56.2848, 55.9248



44.2487, 56.2848, 89.8227

Sweetspot

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



67.5898, 56.2874, 66.9774



86.0831, 85.3903, 95.6629



62.6662, 52.9978, 100.6934



18.1351, 17.8070, 20.0391



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.



67.5898, 56.2874, 66.9774



64.3560, 50.8005, 61.0932



64.9881, 56.9190, 48.1218



18.3241, 18.1129, 20.3237



22.9924, 11.6863, 8.6106



2.2917, 1.1590, 1.1174

Inverse Universe

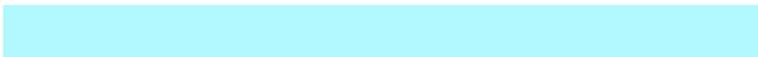
The Inverse Universe completely reimagines the original color for something new.



67.5898, 56.2874, 66.9774



64.3560, 50.8005, 61.0932



69.3638, 83.8578, 106.2969



18.3241, 18.1129, 20.3237



22.9924, 11.6863, 8.6106



2.2917, 1.1590, 1.1174

Previews

White Background



This preview shows how the XYZ color 67.5882, 56.2848, 66.9763 looks on a white background.

Color Contrast Check

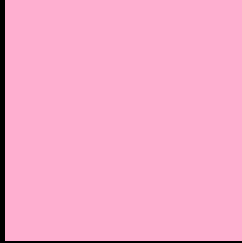
Large Text (above 18pt) WCAG AA × Fail

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 67.5882, 56.2848, 66.9763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

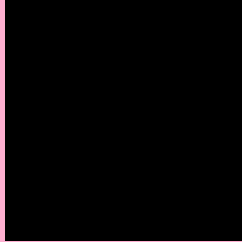
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.5882, 56.2848, 66.9763

Background



This preview shows how black text looks on a background with the XYZ color 67.5882, 56.2848, 66.9763.



This preview shows how white text looks on a background with the XYZ color 67.5882, 56.2848,

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

67.5882, 56.2848, 66.9763

Protanopia

55.5231, 56.7551, 76.4351

Deuteranopia

57.6006, 56.4032, 65.6086



Tritanopia

65.4692, 56.2978, 56.7062

Trichromacy



Original Color

67.5882, 56.2848, 66.9763



Protanomaly

58.9112, 55.9520, 72.6606



Deuteranomaly

61.0126, 56.2321, 66.0307



Tritanomaly

66.3082, 56.3581, 60.2067

Monochromacy



Original Color

67.5882, 56.2848, 66.9763



Achromatopsia

56.1383, 59.0619, 64.3184



Achromatomaly

59.5675, 57.4311, 65.0725

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.5882, 56.2848, 66.9763 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(254, 175, 208)` looks like.

```
.text, #text, p{  
    color:rgb(254, 175, 208)  
}
```

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(254, 175, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 175, 208) }
```

Border

The CSS property to change the border of an element to XYZ 67.5882, 56.2848, 66.9763 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(254, 175, 208) }
```


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

```
.border{ border-color:rgb(254, 175, 208) }
```

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

Here you see how a box with a 4 pixel rgb(254, 175, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 175, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 175, 208);  
box-shadow:4px 4px 4px 4px rgb(254, 175,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 67.5882, 56.2848, 66.9763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 175, 208) }
```

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

```
.background{ background-color: rgb(254,  
175, 208) }
```

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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