

Converting Colors

XYZ(79.8970, 63.1196, 63.5563)

Have a look what the booklet for
XYZ(79.8970, 63.1196, 63.5563)
contains.

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Color

**XYZ(67.4260, 56.5749,
63.2434)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB0CA
RGB	255, 176, 202
RGB Percent	100%, 69%, 79%
CMY	0.0000, 0.3098, 0.2078
CMYK	0.00, 0.31, 0.21, 0.00
HSL	340°, 100%, 85%
HSV	340°, 31%, 100%
XYZ	67.4260, 56.5749, 63.2434
YIQ	202.5850, 38.7380, 24.8340

Conversions

Conversions Part 2

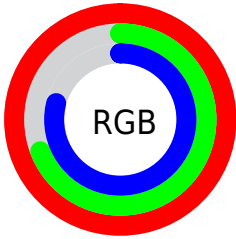
Format	Color
R _Y B	255, 176, 202
Decimal	16756938
CIE Lab	79.94, 32.40, -1.46
CIE LCh	80, 32.428, 357.424
Yxy	56.5749, 0.3601, 0.3021
Android (android.graphics.Color)	4294947018 (0xFFFFB0CA)
YUV	202.5850, -0.2884, 45.9680
Hunter-Lab	75.2163, 28.3839, 2.7992

Details

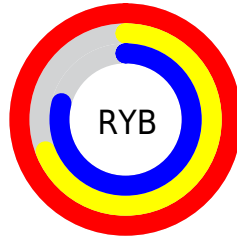
The XYZ color **67.4260, 56.5749, 63.2434** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **67.8095, 86.4083, 87.2370**, and the grayscale version is **56.4906, 59.4325, 64.7220**.

A 20% lighter version of the original color is **88.1466, 86.1932, 106.5989**, and **35.4542, 28.1744, 31.5865** is the 20% darker color. If you saturate the color by 10%, you get **60.9729, 46.7328, 51.6462**, and if you desaturate by 10%, it is **75.0455, 68.3899, 76.3388**.

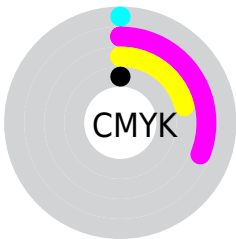
Distribution



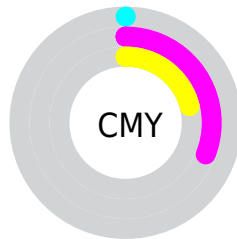
- Red (100%)
- Green (69%)
- Blue (79%)



- Red (100%)
- Yellow (69%)
- Blue (79%)



- Cyan (0%)
- Magenta (31%)
- Yellow (21%)
- Black (0%)





- Cyan (0%)
- Magenta (31%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.4260, 56.5749, 63.2434 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 67.4260, 56.5749, 63.2434 by changing the saturation by 10% instead.


 67.4260, 56.5749,
63.2434

 67.4260, 56.5749,
63.2434

440.8683,
411.8545, 454.5845

 49.7029, 40.6640,
45.5959


 114.5770, 99.8446,
111.1096

 35.3942, 28.0567,
31.5807

144.7357,
127.9723, 142.1653

 24.1346, 18.3684,
20.7793


179.7702,
160.9411, 178.5275

 15.5588, 11.2148,
12.7731

220.0459,
199.1353, 220.6147

 9.3013, 6.2115,
7.1436

265.9282,
242.9393, 268.8454

 4.9969, 2.9741,
3.4723


317.7825,

 2.2802, 1.1182,


292.7376, 323.6383


1.3405


375.9741,
348.9145, 385.4118


 0.7845, 0.0000,
0.0947


 0.0000, 0.0000,
0.0000

 67.4260, 56.5749,
63.2434


 67.4260, 56.5749,
63.2434


 60.9729, 46.7328,
51.6462


 75.0455, 68.3899,
76.3388

 55.6222, 38.7479,
41.4878

 83.8828, 82.2704,
90.9819

 51.3095, 32.5037,
32.7097

 93.9913, 98.3119,
107.2239

 47.9621, 27.8676,
25.2473

95.0500, 100.0000,
108.9000

■ 45.4969, 24.6872,
19.0303

■ 43.8154, 22.7806,
13.9800

■ 42.8369, 21.8988,
10.3390

Harmonies

Analogous

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



65.1527, 56.5749, 83.2386



67.4260, 56.5749, 63.2434



65.8011, 56.5749, 46.3758

Triad

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



67.4260, 56.5749, 63.2434



48.1544, 56.5749, 34.7138



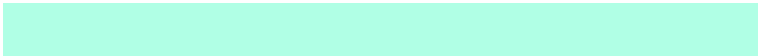
47.2451, 56.5749, 97.4511

Complementary

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



67.4260, 56.5749, 63.2434



67.8095, 86.4083, 87.2370

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.



43.3075, 56.5749, 79.8383



67.4260, 56.5749, 63.2434



43.8017, 56.5749, 44.0804

Square

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



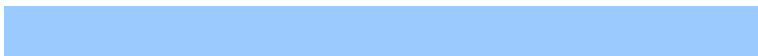
67.4260, 56.5749, 63.2434



54.3434, 56.5749, 32.0333



42.0995, 56.5749, 59.9862



53.2061, 56.5749, 105.3439

Rectangle

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



67.4260, 56.5749, 63.2434



62.7936, 56.5749, 38.5881



42.0995, 56.5749, 59.9862



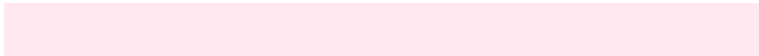
45.6600, 56.5749, 92.3154

Sweetspot

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



67.4273, 56.5774, 63.2445



85.7798, 85.2690, 94.0661



65.7840, 54.8767, 101.7328



18.0607, 17.7772, 19.6471



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.



67.4273, 56.5774, 63.2445



63.4048, 50.4200, 56.0843



67.3117, 60.8640, 49.2777



18.2558, 18.0856, 19.9644



22.4442, 11.4670, 5.7236



2.2333, 1.1357, 0.8099

Inverse Universe

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



67.4273, 56.5774, 63.2445



63.4048, 50.4200, 56.0843



67.6587, 79.8565, 106.4556



18.2558, 18.0856, 19.9644



22.4442, 11.4670, 5.7236



2.2333, 1.1357, 0.8099

Previews

White Background



This preview shows how the XYZ color 67.4260, 56.5749, 63.2434 looks on a white background.

Color Contrast Check

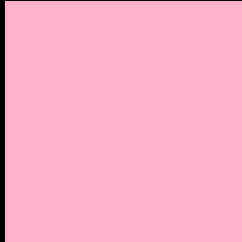
Large Text (above 18pt) WCAG AA × Fail

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 67.4260, 56.5749, 63.2434 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 67.4260, 56.5749, 63.2434

Background



This preview shows how black text looks on a background with the XYZ color 67.4260, 56.5749, 63.2434.



This preview shows how white text looks on a background with the XYZ color 67.4260, 56.5749,

63.2434.

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

67.4260, 56.5749, 63.2434

Protanopia

55.2580, 56.7091, 72.3235

Deuteranopia

57.7737, 56.5745, 61.9078



Tritanopia

66.1974, 56.6732, 56.7403

Trichromacy



Original Color

67.4260, 56.5749, 63.2434



Protanomaly

58.7439, 55.9538, 68.6768



Deuteranomaly

60.9392, 56.2769, 62.2943



Tritanomaly

66.4455, 56.4552, 59.0247

Monochromacy



Original Color

67.4260, 56.5749, 63.2434



Achromatopsia

56.7640, 59.7202, 65.0353



Achromatomaly

59.9737, 57.9813, 64.5305

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.4260, 56.5749, 63.2434 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, 176, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 202)  
}
```

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, 176, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 202) }
```

Border

The CSS property to change the border of an element to XYZ 67.4260, 56.5749, 63.2434 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, 176, 202) }
```


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

```
.border{ border-color:rgb(255, 176, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 176, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 176, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 176, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 176,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 67.4260, 56.5749, 63.2434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 176, 202) }
```

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

```
.background{ background-color: rgb(255,  
176, 202) }
```

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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