

Converting Colors

XYZ(58.0217, 43.0095, 65.8625)

Have a look what the booklet for
XYZ(58.0217, 43.0095, 65.8625)
contains.

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Color

**XYZ(57.7996, 42.8267,
65.5416)**

Conversions

Conversions Part 1

Format	Color
Hex	F28ED1
RGB	242, 142, 209
RGB Percent	95%, 56%, 82%
CMY	0.0510, 0.4431, 0.1804
CMYK	0.00, 0.41, 0.14, 0.05
HSL	320°, 79%, 75%
HSV	320°, 41%, 95%
XYZ	57.7996, 42.8267, 65.5416
YIQ	179.5380, 38.0930, 42.0370

Conversions

Conversions Part 2

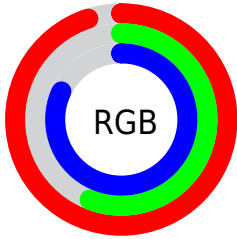
Format	Color
R _Y B	242, 142, 209
Decimal	15896273
CIE Lab	71.44, 46.72, -18.11
CIE LCh	71, 50.113, 338.809
Yxy	42.8267, 0.3478, 0.2577
Android (android.graphics.Color)	4294086353 (0xFFFF28ED1)
YUV	179.5380, 14.5248, 54.7792
Hunter-Lab	65.4421, 43.1306, -13.5707

Details

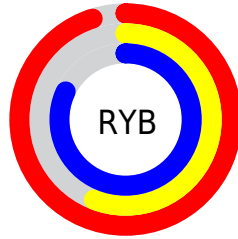
The XYZ color **57.7996, 42.8267, 65.5416** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **50.6472, 72.3516, 51.8565**, and the grayscale version is **43.0467, 45.2884, 49.3191**.

A 20% lighter version of the original color is **79.4841, 68.8682, 103.7114**, and **29.1723, 19.6682, 32.8306** is the 20% darker color. If you saturate the color by 10%, you get **53.6182, 36.0063, 59.3911**, and if you desaturate by 10%, it is **62.8147, 51.2339, 72.2154**.

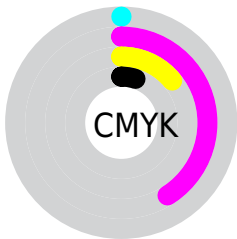
Distribution



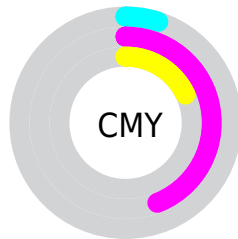
- Red (95%)
- Green (56%)
- Blue (82%)



- Red (95%)
- Yellow (56%)
- Blue (82%)



- Cyan (0%)
- Magenta (41%)
- Yellow (14%)
- Black (5%)



- Cyan (5%)
- Magenta (44%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.7996, 42.8267, 65.5416 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 57.7996, 42.8267, 65.5416 by changing the saturation by 10% instead.

57.7996, 42.8267,
65.5416

57.7996, 42.8267,
65.5416

406.4047,
357.8986, 463.0951

41.8902, 29.7492,
47.4462

100.7556, 79.4493,
114.4489

29.2061, 19.6483,
33.0317

128.5329,
103.7631, 146.0979

19.3818, 12.1396,
21.8794

160.9969,
132.5912, 183.1018

12.0521, 6.8388,
13.5709

198.5130,
166.3178, 225.8793

6.8516, 3.3615,
7.6875

241.4464,
205.3275, 274.8488

3.4150, 1.3233,
3.8107

290.1626,

1.3768, 0.1591,

250.0046, 330.4289

1.5221

345.0269,
300.7335, 393.0382

■ 0.2396, 0.0000,
0.2343

■ 0.0000, 0.0000,
0.0000

■ 57.7996, 42.8267,
65.5416

■ 57.7996, 42.8267,
65.5416

■ 53.6182, 36.0063,
59.3911

■ 62.8147, 51.2339,
72.2154

■ 50.2148, 30.6644,
53.7406

■ 68.7069, 61.3153,
79.4292

■ 47.5328, 26.6883,
48.5680

■ 75.5209, 73.1589,
87.2017

■ 45.5058, 23.9464,
43.8474

■ 83.2974, 86.8448,
95.5498

■ 44.0544, 22.2811,
39.5486

■ 89.4668, 97.2328,
103.6203

■ 43.1520, 21.4909,
36.1198

■ 90.4283, 97.6174,
108.6837

Harmonies

Analogous

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



51.7536, 42.8267, 93.0651



57.7996, 42.8267, 65.5416



58.9523, 42.8267, 39.8658

Triad

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



57.7996, 42.8267, 65.5416



38.2691, 42.8267, 14.1194



29.3183, 42.8267, 82.2694

Complementary

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



57.7996, 42.8267, 65.5416



50.6472, 72.3516, 51.8565

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.



26.6756, 42.8267, 54.1213



57.7996, 42.8267, 65.5416



31.3535, 42.8267, 18.9701

Square

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



57.7996, 42.8267, 65.5416



46.8616, 42.8267, 15.3226



27.3653, 42.8267, 31.7602



35.1136, 42.8267, 104.8167

Rectangle

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



57.7996, 42.8267, 65.5416



56.6554, 42.8267, 27.6196



27.3653, 42.8267, 31.7602



28.0710, 42.8267, 72.8220

Sweetspot

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



57.8009, 42.8287, 65.5425



84.4697, 81.3731, 97.5619



43.0834, 34.7196, 88.4360



17.8540, 17.0225, 20.6303



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.



57.8009, 42.8287, 65.5425



60.8945, 41.3684, 67.6748



52.6670, 40.7751, 38.5077



16.2195, 15.9375, 18.7123



23.2472, 11.5713, 19.7500



1.9797, 0.9809, 1.8839

Inverse Universe

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



57.8009, 42.8287, 65.5425



60.8945, 41.3684, 67.6748



56.3184, 74.6200, 81.7204



16.2195, 15.9375, 18.7123



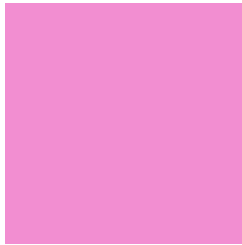
23.2472, 11.5713, 19.7500



1.9797, 0.9809, 1.8839

Previews

White Background



This preview shows how the XYZ color 57.7996, 42.8267, 65.5416 looks on a white background.

Color Contrast Check

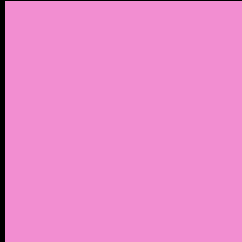
Large Text (above 18pt) WCAG AA × Fail

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 57.7996, 42.8267, 65.5416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

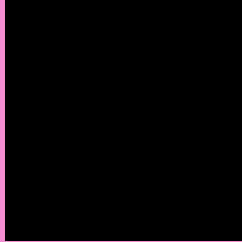
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.7996, 42.8267, 65.5416

Background



This preview shows how black text looks on a background with the XYZ color 57.7996, 42.8267, 65.5416.



This preview shows how white text looks on a background with the XYZ color 57.7996, 42.8267,

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

57.7996, 42.8267, 65.5416

Protanopia

43.8646, 43.1302, 81.6144

Deuteranopia

44.0524, 43.0692, 63.1181



Tritanopia

52.6025, 42.7821, 40.1356

Trichromacy



Original Color

57.7996, 42.8267, 65.5416



Protanomaly

47.4748, 42.1155, 75.4390



Deuteranomaly

48.0685, 42.1544, 63.9956



Tritanomaly

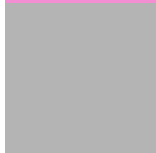
54.4247, 42.8258, 48.5777

Monochromacy



Original Color

57.7996, 42.8267, 65.5416



Achromatopsia

43.3819, 45.6411, 49.7032



Achromatomaly

47.6688, 43.7305, 55.2186

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7996, 42.8267, 65.5416 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(242, 142, 209)` looks like.

```
.text, #text, p{  
    color:rgb(242, 142, 209)  
}
```

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(242, 142, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 142, 209) }
```

Border

The CSS property to change the border of an element to XYZ 57.7996, 42.8267, 65.5416 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(242, 142, 209) }
```


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

```
.border{ border-color:rgb(242, 142, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 142, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 142, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 142, 209);  
box-shadow:4px 4px 4px 4px rgb(242, 142,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7996, 42.8267, 65.5416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 142, 209) }
```

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

```
.background{ background-color: rgb(242,  
142, 209) }
```

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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