

Converting Colors

XYZ(57.4925, 42.4649, 63.1967)

Have a look what the booklet for
XYZ(57.4925, 42.4649, 63.1967)
contains.

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Color

**XYZ(57.5065, 42.5122,
62.9324)**

Conversions

Conversions Part 1

Format	Color
Hex	F38DCD
RGB	243, 141, 205
RGB Percent	95%, 55%, 80%
CMY	0.0471, 0.4470, 0.1961
CMYK	0.00, 0.42, 0.16, 0.05
HSL	322°, 81%, 75%
HSV	322°, 42%, 95%
XYZ	57.5065, 42.5122, 62.9324
YIQ	178.7940, 40.2480, 41.5280

Conversions

Conversions Part 2

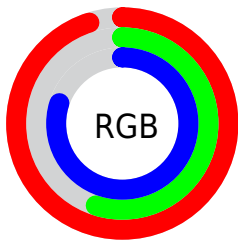
Format	Color
R _Y B	243, 141, 205
Decimal	15961549
CIE Lab	71.22, 46.93, -16.21
CIE LCh	71, 49.654, 340.942
Yxy	42.5122, 0.3529, 0.2609
Android (android.graphics.Color)	4294151629 (0xFFFF38DCD)
YUV	178.7940, 12.9196, 56.3087
Hunter-Lab	65.2014, 43.3315, -11.5858

Details

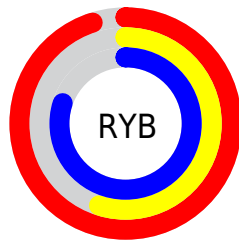
The XYZ color **57.5065, 42.5122, 62.9324** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **51.1737, 73.0199, 54.0481**, and the grayscale version is **42.6577, 44.8793, 48.8735**.

A 20% lighter version of the original color is **79.2563, 68.4125, 103.6354**, and **29.0832, 19.5281, 31.5146** is the 20% darker color. If you saturate the color by 10%, you get **53.2474, 35.6921, 56.2760**, and if you desaturate by 10%, it is **62.6174, 50.9335, 70.1856**.

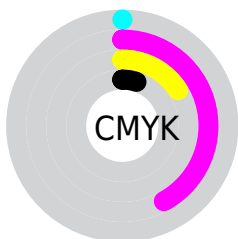
Distribution



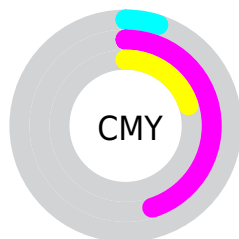
- Red (95%)
- Green (55%)
- Blue (80%)



- Red (95%)
- Yellow (55%)
- Blue (80%)



- Cyan (0%)
- Magenta (42%)
- Yellow (16%)
- Black (5%)



- Cyan (5%)
- Magenta (45%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.5065, 42.5122, 62.9324 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 57.5065, 42.5122, 62.9324 by changing the saturation by 10% instead.

57.5065, 42.5122,
62.9324

57.5065, 42.5122,
62.9324

405.3281,
356.6018, 453.4253

41.6538, 29.5026,
45.3459

100.3310, 78.9742,
110.6566

29.0202, 19.4613,
31.3850

128.0334,
103.1954, 141.6314

19.2405, 12.0041,
20.6313

160.4164,
131.9226, 177.9060

11.9492, 6.7465,
12.6661

197.8454,
165.5401, 219.8989

6.7810, 3.3041,
7.0710

240.6857,
204.4324, 268.0288

3.3707, 1.2925,
3.4274

289.3027,

1.3527, 0.1354,

248.9839, 322.7141

1.3168

344.0617,
299.5789, 384.3735

■ 0.2221, 0.0000,
0.0755

■ 0.0000, 0.0000,
0.0000

■ 57.5065, 42.5122,
62.9324

■ 57.5065, 42.5122,
62.9324

■ 53.2474, 35.6921,
56.2760

■ 62.6174, 50.9335,
70.1856

■ 49.7832, 30.3630,
50.1910

■ 68.6246, 61.0449,
78.0542

■ 47.0559, 26.4098,
44.6531

■ 75.5737, 72.9359,
86.5589

■ 44.9974, 23.6984,
39.6341

■ 83.5064, 86.6879,
95.7185

■ 43.5259, 22.0666,
35.1009

■ 90.0199, 97.4938,
104.7366

■ 42.6683, 21.3372,
31.7762

■ 90.7725, 97.7949,
108.6998

Harmonies

Analogous

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



51.8319, 42.5122, 90.2798



57.5065, 42.5122, 62.9324



58.2518, 42.5122, 38.1196

Triad

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



57.5065, 42.5122, 62.9324



37.4433, 42.5122, 14.2879



29.4795, 42.5122, 83.3041

Complementary

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



57.5065, 42.5122, 62.9324



51.1737, 73.0199, 54.0481

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.



26.6380, 42.5122, 55.5484



57.5065, 42.5122, 62.9324



30.7972, 42.5122, 19.5740

Square

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



57.5065, 42.5122, 62.9324



45.8629, 42.5122, 15.0688



27.0847, 42.5122, 32.8730



35.4011, 42.5122, 104.5584

Rectangle

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



57.5065, 42.5122, 62.9324



55.7523, 42.5122, 26.4893



27.0847, 42.5122, 32.8730



28.1718, 42.5122, 74.0924

Sweetspot

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



57.5078, 42.5142, 62.9333



83.4462, 79.8728, 95.5356



44.1565, 35.0355, 89.2300



17.4793, 16.4404, 19.9894



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.



57.5078, 42.5142, 62.9333



60.2175, 41.0976, 64.1098



52.3715, 40.4597, 35.8861



16.9365, 16.6575, 19.4122



23.4851, 11.7375, 17.7947



2.1137, 1.0515, 1.8253

Inverse Universe

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



57.5078, 42.5142, 62.9333



60.2175, 41.0976, 64.1098



57.2354, 75.4446, 85.9687



16.9365, 16.6575, 19.4122



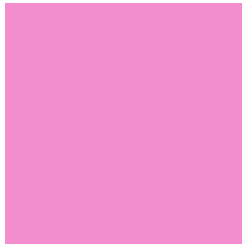
23.4851, 11.7375, 17.7947



2.1137, 1.0515, 1.8253

Previews

White Background



This preview shows how the XYZ color 57.5065, 42.5122, 62.9324 looks on a white background.

Color Contrast Check

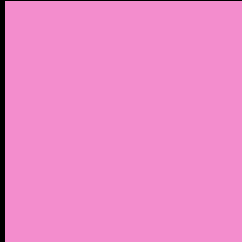
Large Text (above 18pt) WCAG AA × Fail

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 57.5065, 42.5122, 62.9324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

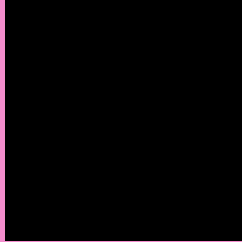
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.5065, 42.5122, 62.9324

Background



This preview shows how black text looks on a background with the XYZ color 57.5065, 42.5122, 62.9324.



This preview shows how white text looks on a background with the XYZ color 57.5065, 42.5122,

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

57.5065, 42.5122, 62.9324

Protanopia

43.3059, 42.9068, 78.6724

Deuteranopia

43.6224, 42.6229, 60.5715



Tritanopia

52.5993, 42.5630, 39.1614

Trichromacy



Original Color

57.5065, 42.5122, 62.9324



Protanomaly

46.7663, 41.5514, 72.5732



Deuteranomaly

47.6874, 41.7571, 61.4236



Tritanomaly

54.3047, 42.5670, 46.9491

Monochromacy



Original Color

57.5065, 42.5122, 62.9324



Achromatopsia

42.8472, 45.0786, 49.0906



Achromatomaly

46.8894, 43.0977, 53.4243

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5065, 42.5122, 62.9324 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(243, 141, 205)` looks like.

```
.text, #text, p{  
    color:rgb(243, 141, 205)  
}
```

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(243, 141, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 141, 205) }
```

Border

The CSS property to change the border of an element to XYZ 57.5065, 42.5122, 62.9324 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(243, 141, 205) }
```


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

```
.border{ border-color:rgb(243, 141, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 141, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 141, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 141, 205);  
box-shadow:4px 4px 4px 4px rgb(243, 141,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5065, 42.5122, 62.9324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 141, 205) }
```

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

```
.background{ background-color: rgb(243,  
141, 205) }
```

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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