

Converting Colors

XYZ(56.9917, 42.8343, 47.5844)

Have a look what the booklet for
XYZ(56.9917, 42.8343, 47.5844)
contains.

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Color

**XYZ(56.7758, 42.7001,
47.3690)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | F98EB2 |
| RGB | 249, 142, 178 |
| RGB Percent | 98%, 56%, 70% |
| CMY | 0.0235, 0.4431, 0.3020 |
| CMYK | 0.00, 0.43, 0.29, 0.02 |
| HSL | 340°, 90%, 77% |
| HSV | 340°, 43%, 98% |
| XYZ | 56.7758, 42.7001, 47.3690 |
| YIQ | 178.0970, 52.2160, 33.8800 |

Conversions

Conversions Part 2

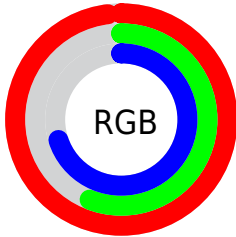
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 249, 142, 178 |
| Decimal | 16354994 |
| CIE _{Lab} | 71.35, 44.58, -0.94 |
| CIE _{LCh} | 71, 44.590, 358.792 |
| Yxy | 42.7001, 0.3866, 0.2908 |
| Android (android.graphics.Color) | 4294545074 (0xFFFF98EB2) |
| YUV | 178.0970, -0.0478, 62.1819 |
| Hunter-Lab | 65.3453, 40.7369, 2.7622 |

Details

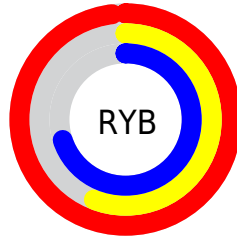
The XYZ color **56.7758, 42.7001, 47.3690** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **57.0433, 78.3073, 75.0632**, and the grayscale version is **42.3503, 44.5558, 48.5213**.

A 20% lighter version of the original color is **76.0575, 67.1330, 86.7912**, and **28.5093, 19.5726, 21.6773** is the 20% darker color. If you saturate the color by 10%, you get **51.9160, 35.4773, 38.0510**, and if you desaturate by 10%, it is **62.6653, 51.6617, 58.0170**.

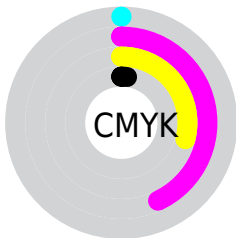
Distribution



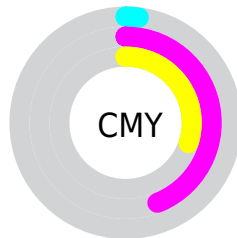
- Red (98%)
- Green (56%)
- Blue (70%)



- Red (98%)
- Yellow (56%)
- Blue (70%)



- Cyan (0%)
- Magenta (43%)
- Yellow (29%)
- Black (2%)





- Cyan (2%)
- Magenta (44%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.7758, 42.7001, 47.3690 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 56.7758, 42.7001, 47.3690 by changing the saturation by 10% instead.


 56.7758, 42.7001,
47.3690


 56.7758, 42.7001,
47.3690


402.6364,
357.3770, 392.7218

 41.0647, 29.6499,
32.9710

 99.2712, 79.2581,
87.6199

 28.5575, 19.5730,
21.8333


 126.7863,
103.5347, 114.3099

 18.8890, 12.0850,
13.5373


158.9667,
132.3222, 145.9343

 11.6936, 6.8016,
7.6645

196.1778,
166.0049, 182.9118

 6.6061, 3.3383,
3.7964

238.7849,
204.9674, 225.6607

 3.2611, 1.3108,
1.5143

287.1535,

 1.2933, 0.1496,

249.5940, 274.5996

0.2286

341.6489,
300.2690, 330.1472

■ 0.1782, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.7758, 42.7001,
47.3690

■ 56.7758, 42.7001,
47.3690

■ 51.9160, 35.4773,
38.0510

■ 62.6653, 51.6617,
58.0170

■ 48.0194, 29.8729,
30.0047

■ 69.6381, 62.4598,
70.0449

■ 45.0172, 25.7605,
23.1707

■ 77.7484, 75.1921,
83.5025

■ 42.8290, 22.9925,
17.4830

■ 87.0457, 89.9476,
98.4367

■ 41.3585, 21.3898,
12.8671

■ 92.8770, 98.8798,
108.7983

■ 40.6581, 20.7762,
10.2071

Harmonies

Analogous

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



54.2095, 42.7001, 71.3410



56.7758, 42.7001, 47.3690



54.5790, 42.7001, 29.3048

Triad

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



56.7758, 42.7001, 47.3690



34.0288, 42.7001, 18.8805



33.5629, 42.7001, 91.5131

Complementary

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



56.7758, 42.7001, 47.3690



57.0433, 78.3073, 75.0632

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.



29.2145, 42.7001, 69.3541



56.7758, 42.7001, 47.3690



29.4593, 42.7001, 28.2104

Square

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



56.7758, 42.7001, 47.3690



40.8898, 42.7001, 16.2214



27.8084, 42.7001, 45.6282



40.2820, 42.7001, 101.2077

Rectangle

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



56.7758, 42.7001, 47.3690



50.8450, 42.7001, 21.8313



27.8084, 42.7001, 45.6282



31.8076, 42.7001, 84.9957

Sweetspot

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



56.7770, 42.7022, 47.3698



82.0297, 79.3062, 88.0766



53.7955, 40.1182, 94.5310



17.1303, 16.3008, 18.1520



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.



56.7770, 42.7022, 47.3698



55.2246, 38.0678, 41.0005



56.1864, 46.5657, 31.6206



17.4855, 17.3216, 19.1463



21.8226, 11.1448, 5.7744



2.0684, 1.0511, 0.7835

Inverse Universe

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



56.7770, 42.7022, 47.3698



55.2246, 38.0678, 41.0005



57.3805, 70.8412, 100.2722



17.4855, 17.3216, 19.1463



21.8226, 11.1448, 5.7744



2.0684, 1.0511, 0.7835

Previews

White Background



This preview shows how the XYZ color 56.7758, 42.7001, 47.3690 looks on a white background.

Color Contrast Check

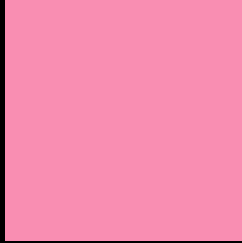
Large Text (above 18pt) WCAG AA × Fail

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 56.7758, 42.7001, 47.3690 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 56.7758, 42.7001, 47.3690

Background



This preview shows how black text looks on a background with the XYZ color 56.7758, 42.7001, 47.3690.



This preview shows how white text looks on a background with the XYZ color 56.7758, 42.7001,

47.3690.

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

56.7758, 42.7001, 47.3690

Protanopia

42.2274, 43.0740, 58.9118

Deuteranopia

43.7231, 42.7305, 45.4785



Tritanopia

54.7225, 42.7662, 37.2688

Trichromacy



Original Color

56.7758, 42.7001, 47.3690



Protanomaly

46.0340, 41.8377, 54.3644



Deuteranomaly

47.5766, 42.0376, 46.1639



Tritanomaly

55.6283, 42.9239, 40.9505

Monochromacy



Original Color

56.7758, 42.7001, 47.3690



Achromatopsia

42.3164, 44.5201, 48.4824



Achromatomaly

46.3929, 42.9620, 47.9668

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7758, 42.7001, 47.3690 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(249, 142, 178)` looks like.

```
.text, #text, p{  
    color:rgb(249, 142, 178)  
}
```

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(249, 142, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 142, 178) }
```

Border

The CSS property to change the border of an element to XYZ 56.7758, 42.7001, 47.3690 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(249, 142, 178) }
```


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

```
.border{ border-color:rgb(249, 142, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 142, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 142, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 142, 178);  
box-shadow:4px 4px 4px 4px rgb(249, 142,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7758, 42.7001, 47.3690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 142, 178) }
```

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

```
.background{ background-color: rgb(249,  
142, 178) }
```

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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