

Converting Colors

XYZ(57.6379, 42.6590, 42.6333)

Have a look what the booklet for
XYZ(57.6379, 42.6590, 42.6333)
contains.

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Color

**XYZ(57.6341, 42.5898,
42.7191)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8BA9
RGB	255, 139, 169
RGB Percent	100%, 55%, 66%
CMY	0.0000, 0.4549, 0.3373
CMYK	0.00, 0.45, 0.34, 0.00
HSL	344°, 100%, 77%
HSV	344°, 45%, 100%
XYZ	57.6341, 42.5898, 42.7191
YIQ	177.1040, 59.5060, 33.9220

Conversions

Conversions Part 2

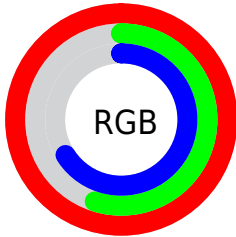
Format	Color
R _Y B	255, 139, 169
Decimal	16747433
CIE Lab	71.28, 47.02, 4.06
CIE LCh	71, 47.191, 4.936
Yxy	42.5898, 0.4032, 0.2979
Android (android.graphics.Color)	4294937513 (0xFFFF8BA9)
YUV	177.1040, -3.9953, 68.3148
Hunter-Lab	65.2609, 43.4330, 6.8720

Details

The XYZ color **57.6341, 42.5898, 42.7191** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **60.0001, 82.4461, 83.9899**, and the grayscale version is **41.8442, 44.0233, 47.9414**.

A 20% lighter version of the original color is **74.2097, 65.6720, 79.2857**, and **28.9651, 19.3835, 19.0444** is the 20% darker color. If you saturate the color by 10%, you get **52.7145, 35.3888, 32.9465**, and if you desaturate by 10%, it is **63.6734, 51.6196, 54.1320**.

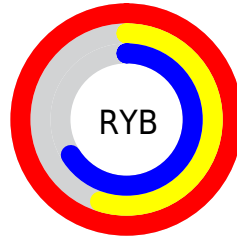
Distribution



Red (100%)

Green (55%)

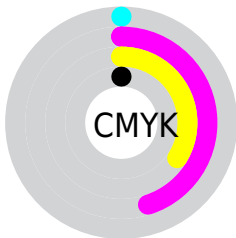
Blue (66%)



Red (100%)

Yellow (55%)

Blue (66%)

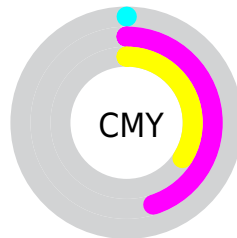


Cyan (0%)

Magenta (45%)

Yellow (34%)

Black (0%)



Cyan (0%)


Magenta (45%)


Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.6341, 42.5898, 42.7191 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 57.6341, 42.5898, 42.7191 by changing the saturation by 10% instead.


 57.6341, 42.5898,
42.7191


 57.6341, 42.5898,
42.7191


405.7970,
356.9221, 373.3425


 41.7567, 29.5634,
29.3350


 100.5159, 79.0915,
80.5686

 29.1011, 19.5074,
19.0866


 128.2509,
103.3356, 105.8711

 19.3020, 12.0375,
11.5555


 160.6692,
132.0876, 135.9835

 11.9940, 6.7692,
6.3229

198.1361,
165.7321, 171.3243

 6.8117, 3.3182,
2.9705

241.0170,
204.6534, 212.3120

 3.3899, 1.3000,
1.0796

289.6772,

 1.3632, 0.1412,

249.2359, 259.3653

0.0000

344.4821,
299.8640, 312.9026

■ 0.2298, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.6341, 42.5898,
42.7191

■ 57.6341, 42.5898,
42.7191

■ 52.7145, 35.3888,
32.9465

■ 63.6734, 51.6196,
54.1320

■ 48.8398, 29.8844,
24.7340

■ 70.8946, 62.5858,
67.2555

■ 45.9307, 25.9368,
17.9973

■ 79.3587, 75.5951,
82.1583

■ 43.8943, 23.3806,
12.6430

■ 89.1216, 90.7444,
98.9048

■ 42.6175, 22.0119, 95.0500, 100.0000,
8.5645 108.9000

■ 42.2216, 21.6526,
7.0989

Harmonies

Analogous

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



55.9077, 42.5898, 67.4200



57.6341, 42.5898, 42.7191



54.2976, 42.5898, 25.6063

Triad

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



57.6341, 42.5898, 42.7191



32.3679, 42.5898, 19.0134



34.3636, 42.5898, 98.1854

Complementary

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



57.6341, 42.5898, 42.7191



60.0001, 82.4461, 83.9899

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.



29.2317, 42.5898, 76.1144



57.6341, 42.5898, 42.7191



28.1892, 42.5898, 30.2371

Square

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



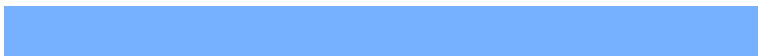
57.6341, 42.5898, 42.7191



39.1835, 42.5898, 15.0721



27.1204, 42.5898, 50.2296



41.8054, 42.5898, 104.8374

Rectangle

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



57.6341, 42.5898, 42.7191



49.8781, 42.5898, 19.0441



27.1204, 42.5898, 50.2296



32.3440, 42.5898, 92.0364

Sweetspot

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



57.6351, 42.5919, 42.7199



80.7274, 77.7107, 84.5311



58.0453, 41.5455, 99.5675



16.8560, 15.9797, 17.3593



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.



57.6351, 42.5919, 42.7199



52.9295, 35.6994, 33.3861



59.5500, 50.4229, 31.0227



18.2021, 18.0642, 19.6815



22.1128, 11.3344, 3.9785



2.1953, 1.1205, 0.6100

Inverse Universe

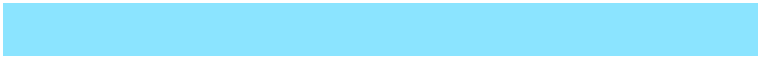
The Inverse Universe completely reimagines the original color for something new.



57.6351, 42.5919, 42.7199



52.9295, 35.6994, 33.3861



56.4241, 68.1606, 104.7902



18.2021, 18.0642, 19.6815



22.1128, 11.3344, 3.9785



2.1953, 1.1205, 0.6100

Previews

White Background



This preview shows how the XYZ color 57.6341, 42.5898, 42.7191 looks on a white background.

Color Contrast Check

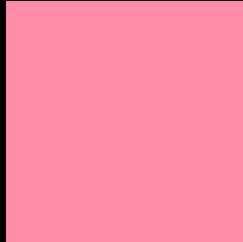
Large Text (above 18pt) WCAG AA × Fail

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 57.6341, 42.5898, 42.7191 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 57.6341, 42.5898, 42.7191

Background



This preview shows how black text looks on a background with the XYZ color 57.6341, 42.5898, 42.7191.



This preview shows how white text looks on a background with the XYZ color 57.6341, 42.5898,

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

57.6341, 42.5898, 42.7191

Protanopia

41.7769, 42.9449, 54.2314

Deuteranopia

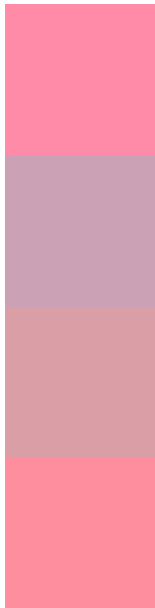
43.6538, 42.7920, 41.0808



Tritanopia

56.2135, 42.6838, 34.9818

Trichromacy



Original Color

57.6341, 42.5898, 42.7191

Protanomaly

45.8170, 41.5636, 49.8637

Deuteranomaly

47.7251, 41.9586, 41.6598

Tritanomaly

56.5695, 42.5892, 37.5868

Monochromacy



Original Color

57.6341, 42.5898, 42.7191

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

45.9140, 42.2295, 45.7756

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6341, 42.5898, 42.7191 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, 139, 169)` looks like.

```
.text, #text, p{  
    color:rgb(255, 139, 169)  
}
```

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, 139, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 139, 169) }
```

Border

The CSS property to change the border of an element to XYZ 57.6341, 42.5898, 42.7191 is called "border". The border property can be set on classes, ids or directly on the HTML element.

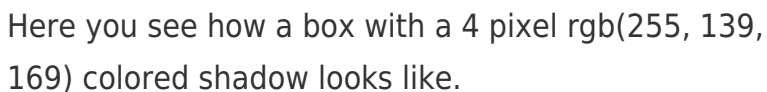
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 139, 169) }
```


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

```
.border{ border-color:rgb(255, 139, 169) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 139, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 139, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 139, 169);  
box-shadow:4px 4px 4px 4px rgb(255, 139,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6341, 42.5898, 42.7191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 139, 169) }
```

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

```
.background{ background-color: rgb(255,  
139, 169) }
```

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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