

Converting Colors

XYZ(57.7145, 42.8722, 42.3711)

Have a look what the booklet for
XYZ(57.7145, 42.8722, 42.3711)
contains.

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Color

**XYZ(57.6860, 42.8433,
42.2750)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8CA8
RGB	255, 140, 168
RGB Percent	100%, 55%, 66%
CMY	0.0000, 0.4510, 0.3412
CMYK	0.00, 0.45, 0.34, 0.00
HSL	345°, 100%, 77%
HSV	345°, 45%, 100%
XYZ	57.6860, 42.8433, 42.2750
YIQ	177.5770, 59.5520, 33.0880

Conversions

Conversions Part 2

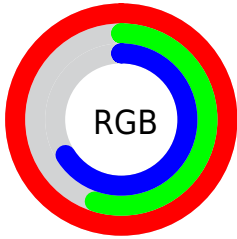
Format	Color
R _Y B	255, 140, 168
Decimal	16747688
CIE Lab	71.45, 46.40, 4.87
CIE LCh	71, 46.653, 5.989
Yxy	42.8433, 0.4040, 0.3000
Android (android.graphics.Color)	4294937768 (0xFFFF8CA8)
YUV	177.5770, -4.7215, 67.9000
Hunter-Lab	65.4548, 42.7680, 7.5250

Details

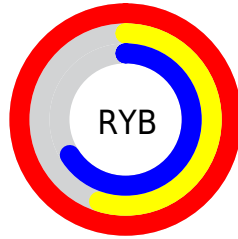
The XYZ color **57.6860, 42.8433, 42.2750** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **60.4423, 82.6424, 85.4433**, and the grayscale version is **42.0968, 44.2891, 48.2308**.

A 20% lighter version of the original color is **74.2992, 66.0676, 78.6484**, and **29.0663, 19.6794, 18.7895** is the 20% darker color. If you saturate the color by 10%, you get **52.7162, 35.5700, 32.3992**, and if you desaturate by 10%, it is **63.7878, 51.9539, 53.8446**.

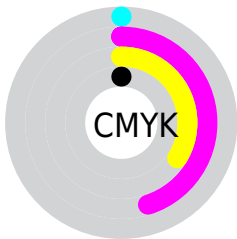
Distribution



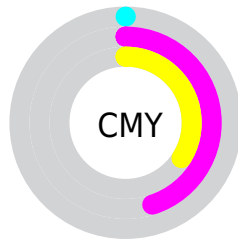
- Red (100%)
- Green (55%)
- Blue (66%)



- 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 57.6860, 42.8433, 42.2750 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 57.6860, 42.8433, 42.2750 by changing the saturation by 10% instead.


 57.6860, 42.8433,
42.2750


 57.6860, 42.8433,
42.2750


405.9876,
357.9669, 371.4549

 41.7985, 29.7622,
28.9895


 100.5911, 79.4743,
79.8902

 29.1340, 19.6582,
18.8274


 128.3394,
103.7931, 105.0571

 19.3270, 12.1468,
11.3701


 160.7720,
132.6264, 135.0214

 12.0122, 6.8437,
6.1990

198.2543,
166.3589, 170.2018

 6.8243, 3.3646,
2.8957

241.1517,
205.3747, 211.0168

 3.3978, 1.3249,
1.0416

289.8295,

 1.3674, 0.1604,

250.0584, 257.8850

0.0000

344.6530,
300.7944, 311.2248

■ 0.2329, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.6860, 42.8433,
42.2750

■ 57.6860, 42.8433,
42.2750

■ 52.7162, 35.5700,
32.3992

■ 63.7878, 51.9539,
53.8446

■ 48.8032, 30.0020,
24.1331

■ 71.0842, 63.0094,
67.1816

■ 45.8670, 25.9999,
17.3884

■ 79.6366, 76.1162,
82.3582

■ 43.8144, 23.3991,
12.0668

■ 89.5016, 91.3714,
99.4415

■ 42.5324, 21.9973, 95.0500, 100.0000,
8.0566 108.9000

■ 42.1116, 21.6087,
6.5199

Harmonies

Analogous

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



56.1536, 42.8433, 66.5811



57.6860, 42.8433, 42.2750



54.2216, 42.8433, 25.5491

Triad

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



57.6860, 42.8433, 42.2750



32.4667, 42.8433, 19.6514



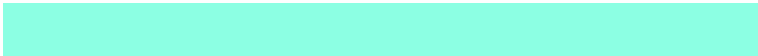
34.8734, 42.8433, 98.4393

Complementary

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



57.6860, 42.8433, 42.2750



60.4423, 82.6424, 85.4433

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.



29.6714, 42.8433, 77.0029



57.6860, 42.8433, 42.2750



28.4121, 42.8433, 31.1541

Square

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



57.6860, 42.8433, 42.2750



39.1639, 42.8433, 15.4759



27.4587, 42.8433, 51.3149



42.3194, 42.8433, 104.3287

Rectangle

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



57.6860, 42.8433, 42.2750



49.7778, 42.8433, 19.1733



27.4587, 42.8433, 51.3149



32.8358, 42.8433, 92.5387

Sweetspot

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



57.6871, 42.8454, 42.2758



80.6522, 77.6806, 84.1352



58.8721, 42.1877, 99.6479



16.8379, 15.9725, 17.2638



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.



57.6871, 42.8454, 42.2758



53.2078, 36.2812, 33.4010



60.1166, 51.4386, 31.5738



18.1907, 18.0596, 19.6211



22.0530, 11.3105, 3.6636



2.1881, 1.1176, 0.5720

Inverse Universe

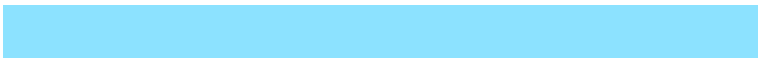
The Inverse Universe completely reimagines the original color for something new.



57.6871, 42.8454, 42.2758



53.2078, 36.2812, 33.4010



56.1313, 67.3258, 104.6445



18.1907, 18.0596, 19.6211



22.0530, 11.3105, 3.6636



2.1881, 1.1176, 0.5720

Previews

White Background



This preview shows how the XYZ color 57.6860, 42.8433, 42.2750 looks on a white background.

Color Contrast Check

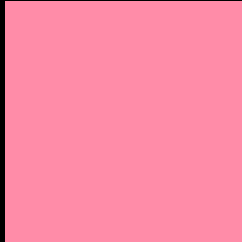
Large Text (above 18pt) WCAG AA × Fail

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 57.6860, 42.8433, 42.2750 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 57.6860, 42.8433, 42.2750

Background



This preview shows how black text looks on a background with the XYZ color 57.6860, 42.8433, 42.2750.



This preview shows how white text looks on a background with the XYZ color 57.6860, 42.8433,

42.2750.

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

57.6860, 42.8433, 42.2750

Protanopia

41.8923, 43.0169, 53.6721

Deuteranopia

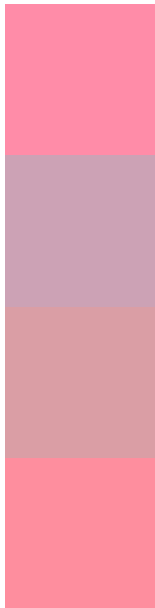
43.8248, 42.8906, 40.6192



Tritanopia

56.4453, 43.0157, 35.4649

Trichromacy



Original Color

57.6860, 42.8433, 42.2750

Protanomaly

46.1627, 42.0142, 49.3926

Deuteranomaly

47.9318, 42.0758, 41.1925

Tritanomaly

56.7176, 42.8855, 37.6361

Monochromacy



Original Color

57.6860, 42.8433, 42.2750

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

46.3690, 42.7287, 45.8480

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6860, 42.8433, 42.2750 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, 140, 168)` looks like.

```
.text, #text, p{  
    color:rgb(255, 140, 168)  
}
```

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, 140, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 140, 168) }
```

Border

The CSS property to change the border of an element to XYZ 57.6860, 42.8433, 42.2750 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, 140, 168) }
```


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

```
.border{ border-color:rgb(255, 140, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 140, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 140, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 140, 168);  
box-shadow:4px 4px 4px 4px rgb(255, 140,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6860, 42.8433, 42.2750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 140, 168) }
```

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

```
.background{ background-color: rgb(255,  
140, 168) }
```

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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