

Converting Colors

XYZ(57.9326, 42.7121, 44.2826)

Have a look what the booklet for
XYZ(57.9326, 42.7121, 44.2826)
contains.

XYZ(57.9190, 42.7038, 44.2197)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(57.9190, 42.7038,
44.2197)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8BAC
RGB	255, 139, 172
RGB Percent	100%, 55%, 67%
CMY	0.0000, 0.4549, 0.3255
CMYK	0.00, 0.45, 0.33, 0.00
HSL	343°, 100%, 77%
HSV	343°, 45%, 100%
XYZ	57.9190, 42.7038, 44.2197
YIQ	177.4460, 58.5430, 34.8550

Conversions

Conversions Part 2

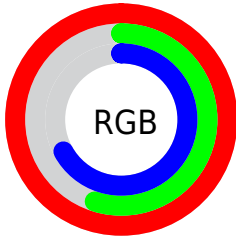
Format	Color
R_{YB}	255, 139, 172
Decimal	16747436
CIE _{Lab}	71.35, 47.38, 2.50
CIE _{LCh}	71, 47.443, 3.021
Yxy	42.7038, 0.3999, 0.2948
Android (android.graphics.Color)	4294937516 (0xFFFF8BAC)
YUV	177.4460, -2.6849, 68.0149
Hunter-Lab	65.3481, 43.8479, 5.6234

Details

The XYZ color **57.9190, 42.7038, 44.2197** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **59.5943, 82.2838, 81.8531**, and the grayscale version is **42.0178, 44.2060, 48.1403**.

A 20% lighter version of the original color is **74.6202, 65.8363, 81.4478**, and **29.1443, 19.4552, 19.9884** is the 20% darker color. If you saturate the color by 10%, you get **53.0142, 35.5087, 34.5244**, and if you desaturate by 10%, it is **63.9278, 51.7214, 55.4710**.

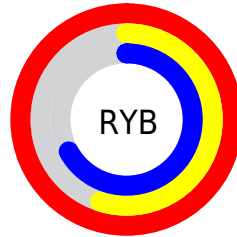
Distribution



Red (100%)

Green (55%)

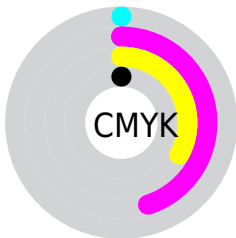
Blue (67%)



Red (100%)

Yellow (55%)

Blue (67%)

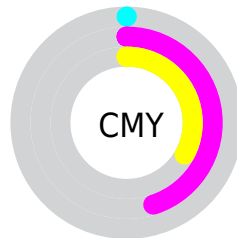


Cyan (0%)

Magenta (45%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (45%)


Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9190, 42.7038, 44.2197 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 57.9190, 42.7038, 44.2197 by changing the saturation by 10% instead.


 57.9190, 42.7038,
44.2197


 57.9190, 42.7038,
44.2197


406.8428,
357.3922, 379.6716


 41.9865, 29.6528,
30.5048


 100.9285, 79.2637,
82.8542

 29.2818, 19.5752,
19.9668


 128.7363,
103.5414, 108.6110

 19.4395, 12.0866,
12.1871


 161.2333,
132.3300, 139.2187

 12.0941, 6.8027,
6.7471

198.7847,
166.0141, 175.0960

 6.8805, 3.3390,
3.2284

241.7561,
204.9779, 216.6614

 3.4331, 1.3112,
1.2124

290.5126,

 1.3867, 0.1498,

249.6060, 264.3334

0.0000

345.4197,
300.2826, 318.5307

■ 0.2467, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.9190, 42.7038,
44.2197

■ 57.9190, 42.7038,
44.2197

■ 53.0142, 35.5087,
34.5244

■ 63.9278, 51.7214,
55.4710

■ 49.1393, 30.0042,
26.3110

■ 71.1011, 62.6684,
68.3425

■ 46.2166, 26.0512,
19.5027

■ 79.4992, 75.6513,
82.8977

■ 44.1546, 23.4847,
14.0138

■ 89.1769, 90.7666,
99.1957

■ 42.8421, 22.1018, 95.0500, 100.0000,
9.7470 108.9000

■ 42.4272, 21.7349,
8.1817

Harmonies

Analogous

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



55.8547, 42.7038, 69.4161



57.9190, 42.7038, 44.2197



54.8603, 42.7038, 26.4271

Triad

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



57.9190, 42.7038, 44.2197



32.7886, 42.7038, 18.5284



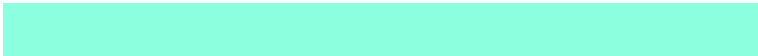
34.0184, 42.7038, 97.6777

Complementary

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



57.9190, 42.7038, 44.2197



59.5943, 82.2838, 81.8531

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.



29.0354, 42.7038, 74.7883



57.9190, 42.7038, 44.2197



28.3934, 42.7038, 29.2758

Square

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



57.9190, 42.7038, 44.2197



39.7855, 42.7038, 14.9732



27.1141, 42.7038, 48.8515



41.4026, 42.7038, 105.6277

Rectangle

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



57.9190, 42.7038, 44.2197



50.5350, 42.7038, 19.4872



27.1141, 42.7038, 48.8515



32.0414, 42.7038, 91.1739

Sweetspot

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



57.9201, 42.7059, 44.2205



80.8563, 77.7623, 85.2101



56.8601, 40.9345, 99.5120



16.8872, 15.9922, 17.5232



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.



57.9201, 42.7059, 44.2205



53.2288, 35.8191, 34.9620



58.8573, 49.0375, 30.7919



18.2218, 18.0720, 19.7850



22.2241, 11.3789, 4.5645



2.2084, 1.1257, 0.6789

Inverse Universe

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



57.9201, 42.7059, 44.2205



53.2288, 35.8191, 34.9620



57.4994, 70.3111, 105.1486



18.2218, 18.0720, 19.7850



22.2241, 11.3789, 4.5645



2.2084, 1.1257, 0.6789

Previews

White Background



This preview shows how the XYZ color 57.9190, 42.7038, 44.2197 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 57.9190, 42.7038, 44.2197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

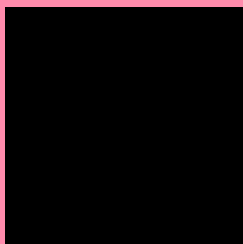
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.9190, 42.7038, 44.2197

Background



This preview shows how black text looks on a background with the XYZ color 57.9190, 42.7038, 44.2197.



This preview shows how white text looks on a background with the XYZ color 57.9190, 42.7038,

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

57.9190, 42.7038, 44.2197

Protanopia

41.9953, 43.0066, 56.5398

Deuteranopia

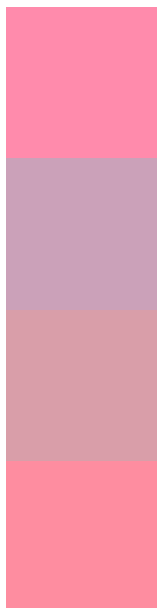
43.6687, 42.7681, 42.5127



Tritanopia

55.9308, 42.5286, 35.3979

Trichromacy



Original Color

57.9190, 42.7038, 44.2197

Protanomaly

46.1304, 41.6890, 51.5144

Deuteranomaly

48.0036, 42.0700, 43.1264

Tritanomaly

56.7431, 42.6586, 38.5010

Monochromacy



Original Color

57.9190, 42.7038, 44.2197

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

46.0119, 42.2687, 46.2910

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9190, 42.7038, 44.2197 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, 172)` looks like.

```
.text, #text, p{  
    color:rgb(255, 139, 172)  
}
```

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, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 139, 172) }
```

Border

The CSS property to change the border of an element to XYZ 57.9190, 42.7038, 44.2197 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, 172) }
```


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

```
.border{ border-color:rgb(255, 139, 172) }
```

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, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 139, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 139, 172);  
box-shadow:4px 4px 4px 4px rgb(255, 139,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9190, 42.7038, 44.2197 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, 172) }
```

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

```
.background{ background-color: rgb(255,  
139, 172) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor