

Converting Colors

XYZ(58.0029, 42.7836, 44.5187)

Have a look what the booklet for
XYZ(58.0029, 42.7836, 44.5187)
contains.

XYZ(58.0154, 42.7424, 44.7275)	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(58.0154, 42.7424,
44.7275)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8BAD
RGB	255, 139, 173
RGB Percent	100%, 55%, 68%
CMY	0.0000, 0.4549, 0.3216
CMYK	0.00, 0.45, 0.32, 0.00
HSL	342°, 100%, 77%
HSV	342°, 45%, 100%
XYZ	58.0154, 42.7424, 44.7275
YIQ	177.5600, 58.2220, 35.1660

Conversions

Conversions Part 2

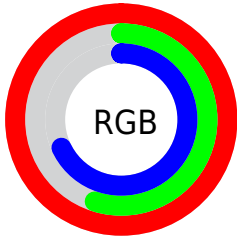
Format	Color
R _Y B	255, 139, 173
Decimal	16747437
CIE Lab	71.38, 47.50, 1.98
CIE LCh	71, 47.540, 2.388
Yxy	42.7424, 0.3988, 0.2938
Android (android.graphics.Color)	4294937517 (0xFFFF8BAD)
YUV	177.5600, -2.2481, 67.9149
Hunter-Lab	65.3777, 43.9879, 5.2017

Details

The XYZ color **58.0154, 42.7424, 44.7275** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **59.4607, 82.2304, 81.1493**, and the grayscale version is **42.0758, 44.2670, 48.2068**.

A 20% lighter version of the original color is **74.7587, 65.8916, 82.1769**, and **29.2054, 19.4796, 20.3098** is the 20% darker color. If you saturate the color by 10%, you get **53.1161, 35.5495, 35.0611**, and if you desaturate by 10%, it is **64.0134, 51.7557, 55.9222**.

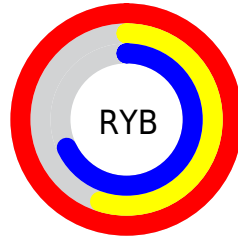
Distribution



Red (100%)

Green (55%)

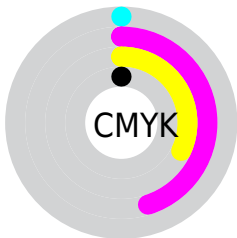
Blue (68%)



Red (100%)

Yellow (55%)

Blue (68%)

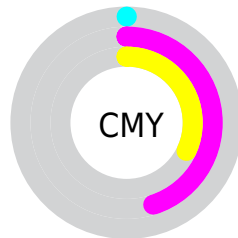


Cyan (0%)

Magenta (45%)

Yellow (32%)

Black (0%)



Cyan (0%)


Magenta (45%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.0154, 42.7424, 44.7275 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 58.0154, 42.7424, 44.7275 by changing the saturation by 10% instead.


 58.0154, 42.7424,
44.7275


 58.0154, 42.7424,
44.7275


407.1963,
357.5513, 381.7967


 42.0643, 29.6831,
30.9015


 101.0681, 79.3220,
83.6255

 29.3430, 19.5981,
20.2660


 128.9005,
103.6110, 109.5345

 19.4860, 12.1033,
12.4025

 161.4240,
132.4121, 140.3082

 12.1281, 6.8140,
6.8926

199.0040,
166.1095, 176.3652

 6.9038, 3.3461,
3.3176

242.0059,
205.0878, 218.1240

 3.4478, 1.3150,
1.2590

290.7950,

 1.3948, 0.1528,

249.7312, 266.0032

0.0278

345.7367,
300.4243, 320.4212

■ 0.2525, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.0154, 42.7424,
44.7275

■ 58.0154, 42.7424,
44.7275

■ 53.1161, 35.5495,
35.0611

■ 64.0134, 51.7557,
55.9222

■ 49.2419, 30.0453,
26.8511

■ 71.1704, 62.6962,
68.7075

■ 46.3153, 26.0907,
20.0226

■ 79.5462, 75.6702,
83.1452

■ 44.2455, 23.5211,
14.4926

■ 89.1954, 90.7741,
99.2928

■ 42.9218, 22.1336, 95.0500, 100.0000,
10.1667 108.9000

■ 42.5008, 21.7643,
8.5695

Harmonies

Analogous

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



55.8383, 42.7424, 70.0910



58.0154, 42.7424, 44.7275



55.0496, 42.7424, 26.7041

Triad

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



58.0154, 42.7424, 44.7275



32.9297, 42.7424, 18.3686



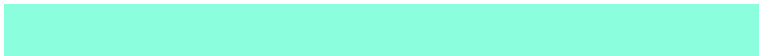
33.9044, 42.7424, 97.5122

Complementary

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



58.0154, 42.7424, 44.7275



59.4607, 82.2304, 81.1493

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.



28.9703, 42.7424, 74.3522



58.0154, 42.7424, 44.7275



28.4617, 42.7424, 28.9604

Square

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



58.0154, 42.7424, 44.7275



39.9877, 42.7424, 14.9401



27.1121, 42.7424, 48.3992



41.2697, 42.7424, 105.8952

Rectangle

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



58.0154, 42.7424, 44.7275



50.7559, 42.7424, 19.6359



27.1121, 42.7424, 48.3992



31.9413, 42.7424, 90.8908

Sweetspot

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



58.0166, 42.7445, 44.7283



80.8994, 77.7795, 85.4372



56.8601, 40.9346, 99.5120



16.8976, 15.9964, 17.5780



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.



58.0166, 42.7445, 44.7283



53.3305, 35.8598, 35.4979



58.8573, 49.0375, 30.7920



18.2283, 18.0746, 19.8196



22.2638, 11.3948, 4.7736



2.2130, 1.1276, 0.7030

Inverse Universe

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



58.0166, 42.7445, 44.7283



53.3305, 35.8598, 35.4979



57.4994, 70.3111, 105.1486



18.2283, 18.0746, 19.8196



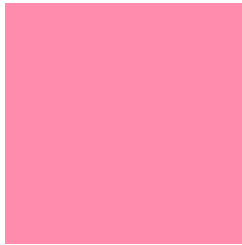
22.2638, 11.3948, 4.7736



2.2130, 1.1276, 0.7030

Previews

White Background



This preview shows how the XYZ color 58.0154, 42.7424, 44.7275 looks on a white background.

Color Contrast Check

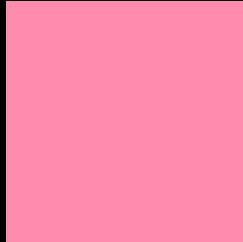
Large Text (above 18pt) WCAG AA × Fail

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 58.0154, 42.7424, 44.7275 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 58.0154, 42.7424, 44.7275

Background



This preview shows how black text looks on a background with the XYZ color 58.0154, 42.7424, 44.7275.



This preview shows how white text looks on a background with the XYZ color 58.0154, 42.7424,

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

58.0154, 42.7424, 44.7275

Protanopia

42.1072, 43.0514, 57.1294

Deuteranopia

43.7615, 42.8052, 43.0015



Tritanopia

56.0802, 42.8275, 35.4478

Trichromacy



Original Color

58.0154, 42.7424, 44.7275

Protanomaly

46.2364, 41.7314, 52.0724

Deuteranomaly

48.0978, 42.1077, 43.6228

Tritanomaly

56.8912, 42.9549, 38.5503

Monochromacy



Original Color

58.0154, 42.7424, 44.7275

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

46.5655, 42.8073, 46.8827

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0154, 42.7424, 44.7275 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, 173)` looks like.

```
.text, #text, p{  
    color:rgb(255, 139, 173)  
}
```

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, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 139, 173) }
```

Border

The CSS property to change the border of an element to XYZ 58.0154, 42.7424, 44.7275 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, 173) }
```


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

```
.border{ border-color:rgb(255, 139, 173) }
```

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, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 139, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 139, 173);  
box-shadow:4px 4px 4px 4px rgb(255, 139,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0154, 42.7424, 44.7275 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, 173) }
```

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

```
.background{ background-color: rgb(255,  
139, 173) }
```

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