

Converting Colors

XYZ(58.7713, 44.1829, 45.1987)

Have a look what the booklet for
XYZ(58.7713, 44.1829, 45.1987)
contains.

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Color

**XYZ(58.7561, 44.2236,
44.9744)**

Conversions

Conversions Part 1

Format	Color
Hex	FF90AD
RGB	255, 144, 173
RGB Percent	100%, 56%, 68%
CMY	0.0000, 0.4353, 0.3216
CMYK	0.00, 0.44, 0.32, 0.00
HSL	344°, 100%, 78%
HSV	344°, 44%, 100%
XYZ	58.7561, 44.2236, 44.9744
YIQ	180.4950, 56.8470, 32.5510

Conversions

Conversions Part 2

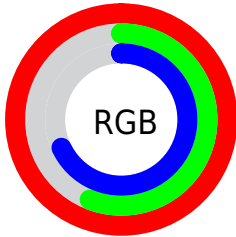
Format	Color
RYB	255, 144, 173
Decimal	16748717
CIELab	72.38, 44.99, 3.43
CIElCh	72, 45.125, 4.357
Yxy	44.2236, 0.3971, 0.2989
Android (android.graphics.Color)	4294938797 (0xFFFF90AD)
YUV	180.4950, -3.6950, 65.3409
Hunter-Lab	66.5008, 41.3353, 6.4528

Details

The XYZ color **58.7561, 44.2236, 44.9744** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **60.9910, 82.9412, 84.7503**, and the grayscale version is **43.6475, 45.9205, 50.0075**.

A 20% lighter version of the original color is **75.8979, 68.1700, 82.5567**, and **29.9572, 20.5984, 20.4861** is the 20% darker color. If you saturate the color by 10%, you get **53.6245, 36.6750, 34.8954**, and if you desaturate by 10%, it is **65.0191, 53.6235, 56.6996**.

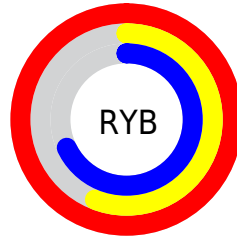
Distribution



Red (100%)

Green (56%)

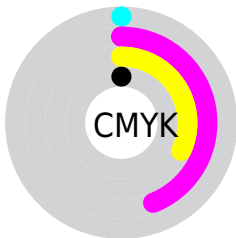
Blue (68%)



Red (100%)

Yellow (56%)

Blue (68%)

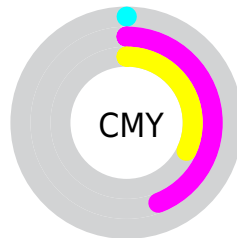


Cyan (0%)

Magenta (44%)

Yellow (32%)

Black (0%)



Cyan (0%)


Magenta (44%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.7561, 44.2236, 44.9744 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 58.7561, 44.2236, 44.9744 by changing the saturation by 10% instead.


 58.7561, 44.2236,
44.9744


 58.7561, 44.2236,
44.9744


409.9061,
363.6199, 382.8270

 42.6624, 30.8463,
31.0945

 102.1398, 81.5541,
84.0000

 29.8137, 20.4819,
20.4117


 130.1604,
106.2761, 109.9828

 19.8446, 12.7458,
12.5076


162.8875,
135.5485, 140.8370

 12.3897, 7.2537,
6.9637

200.6863,
169.7557, 176.9810

 7.0838, 3.6213,
3.3613

243.9222,
209.2820, 218.8335

 3.5613, 1.4641,
1.2819

292.9606,

 1.4571, 0.2632,

254.5119, 266.8129

0.0469

348.1667,
305.8298, 321.3379

■ 0.2964, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.7561, 44.2236,
44.9744

■ 58.7561, 44.2236,
44.9744

■ 53.6245, 36.6750,
34.8954

■ 65.0191, 53.6235,
56.6996

■ 49.5509, 30.8483,
26.3840

■ 72.4742, 64.9803,
70.1396

■ 46.4581, 26.6071,
19.3583

■ 81.1816, 78.3989,
85.3617

■ 44.2561, 23.7916,
13.7275

■ 91.1964, 93.9751,
102.4292

■ 42.8372, 22.2075, 95.0500, 100.0000,
9.3891 108.9000

■ 42.2415, 21.6606,
7.2040

Harmonies

Analogous

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



56.9888, 44.2236, 69.1395



58.7561, 44.2236, 44.9744



55.6099, 44.2236, 27.8193

Triad

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



58.7561, 44.2236, 44.9744



34.1542, 44.2236, 20.7661



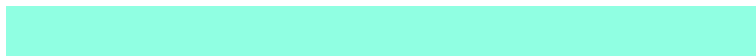
35.8946, 44.2236, 97.9313

Complementary

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



58.7561, 44.2236, 44.9744



60.9910, 82.9412, 84.7503

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.



30.8683, 44.2236, 76.5547



58.7561, 44.2236, 44.9744



29.9538, 44.2236, 31.9098

Square

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



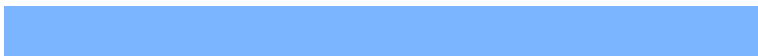
58.7561, 44.2236, 44.9744



40.9085, 44.2236, 16.8518



28.8288, 44.2236, 51.4758



43.1783, 44.2236, 104.6441

Rectangle

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



58.7561, 44.2236, 44.9744



51.3525, 44.2236, 21.0819



28.8288, 44.2236, 51.4758



33.9157, 44.2236, 91.9560

Sweetspot

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



58.7572, 44.2257, 44.9752



81.6761, 79.1648, 86.2142



59.2010, 43.2408, 99.8338



17.0438, 16.2662, 17.6962



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.



58.7572, 44.2257, 44.9752



54.3378, 37.7131, 36.3310



60.6315, 51.9877, 33.2273



18.2041, 18.0650, 19.6921



22.1236, 11.3387, 4.0356



2.1966, 1.1210, 0.6168

Inverse Universe

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



58.7572, 44.2257, 44.9752



54.3378, 37.7131, 36.3310



57.6002, 69.2447, 104.9375



18.2041, 18.0650, 19.6921



22.1236, 11.3387, 4.0356



2.1966, 1.1210, 0.6168

Previews

White Background



This preview shows how the XYZ color 58.7561, 44.2236, 44.9744 looks on a white background.

Color Contrast Check

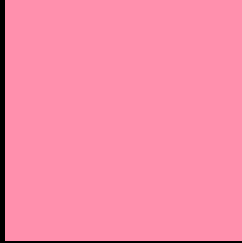
Large Text (above 18pt) WCAG AA × Fail

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 58.7561, 44.2236, 44.9744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

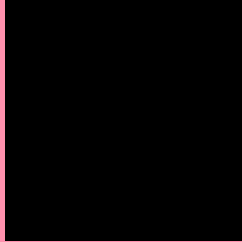
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.7561, 44.2236, 44.9744

Background



This preview shows how black text looks on a background with the XYZ color 58.7561, 44.2236, 44.9744.



This preview shows how white text looks on a background with the XYZ color 58.7561, 44.2236,

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

58.7561, 44.2236, 44.9744

Protanopia

43.3680, 44.5972, 56.1915

Deuteranopia

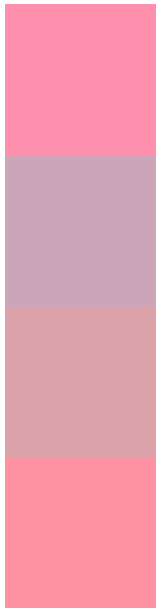
45.3736, 44.4743, 43.2387



Tritanopia

57.4783, 44.4069, 37.8897

Trichromacy



Original Color

58.7561, 44.2236, 44.9744

Protanomaly

47.3889, 43.3922, 51.7768

Deuteranomaly

49.3894, 43.8030, 43.8819

Tritanomaly

57.7628, 44.2729, 40.1514

Monochromacy



Original Color

58.7561, 44.2236, 44.9744

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

47.4867, 44.0772, 47.5999

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7561, 44.2236, 44.9744 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, 144, 173)` looks like.

```
.text, #text, p{  
    color:rgb(255, 144, 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, 144, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 144, 173) }
```

Border

The CSS property to change the border of an element to XYZ 58.7561, 44.2236, 44.9744 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, 144, 173) }
```


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

```
.border{ border-color:rgb(255, 144, 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, 144, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 144, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 144, 173);  
box-shadow:4px 4px 4px 4px rgb(255, 144,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7561, 44.2236, 44.9744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 144, 173) }
```

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

```
.background{ background-color: rgb(255,  
144, 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](#).

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