

Converting Colors

XYZ(57.1367, 44.4787, 53.0511)

Have a look what the booklet for
XYZ(57.1367, 44.4787, 53.0511)
contains.

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Color

**XYZ(57.1328, 44.3588,
53.1278)**

Conversions

Conversions Part 1

Format	Color
Hex	F495BC
RGB	244, 149, 188
RGB Percent	96%, 58%, 74%
CMY	0.0431, 0.4157, 0.2627
CMYK	0.00, 0.39, 0.23, 0.04
HSL	335°, 81%, 77%
HSV	335°, 39%, 96%
XYZ	57.1328, 44.3588, 53.1278
YIQ	181.8510, 44.1010, 32.2690

Conversions

Conversions Part 2

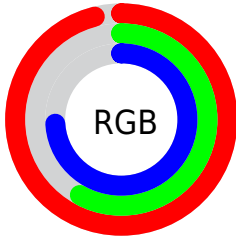
Format	Color
R_{YB}	244, 149, 188
Decimal	16029116
CIE _{Lab}	72.47, 40.65, -4.92
CIE _{LCh}	72, 40.945, 353.095
Yxy	44.3588, 0.3695, 0.2869
Android (android.graphics.Color)	4294219196 (0xFFFF495BC)
YUV	181.8510, 3.0315, 54.5047
Hunter-Lab	66.6024, 36.5665, -0.6731

Details

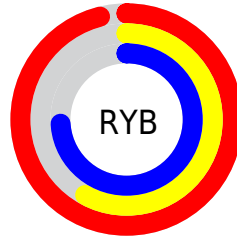
The XYZ color **57.1328, 44.3588, 53.1278** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **55.7666, 75.5000, 69.3951**, and the grayscale version is **44.3507, 46.6604, 50.8132**.

A 20% lighter version of the original color is **79.1620, 70.9774, 95.1157**, and **28.8057, 20.5541, 25.3708** is the 20% darker color. If you saturate the color by 10%, you get **52.1950, 36.8420, 44.2091**, and if you desaturate by 10%, it is **63.0363, 53.5589, 63.1319**.

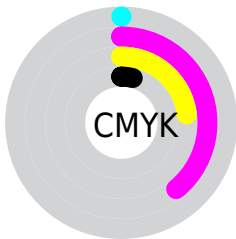
Distribution



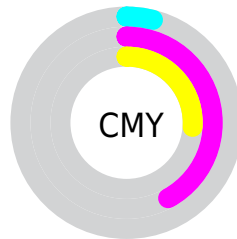
- Red (96%)
- Green (58%)
- Blue (74%)



- Red (96%)
- Yellow (58%)
- Blue (74%)



- Cyan (0%)
- Magenta (39%)
- Yellow (23%)
- Black (4%)



- Cyan (4%)
- Magenta (42%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.1328, 44.3588, 53.1278 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 57.1328, 44.3588, 53.1278 by changing the saturation by 10% instead.


 57.1328, 44.3588,
53.1278


 57.1328, 44.3588,
53.1278


403.9529,
364.1704, 415.8554

 41.3524, 30.9527,
37.5164


 99.7892, 81.7574,
96.2359

 28.7835, 20.5628,
25.3086


 127.3959,
106.5186, 124.5696

 19.0605, 12.8048,
16.0860


159.6754,
135.8337, 157.9811

 11.8183, 7.2943,
9.4300

196.9931,
170.0870, 196.8890

 6.6914, 3.6468,
4.9221

239.7144,
209.6630, 241.7119

 3.3145, 1.4780,
2.1437

288.2045,

 1.3222, 0.2732,

254.9459, 292.8682

0.6416

342.8289,
306.3203, 350.7766

■ 0.1997, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.1328, 44.3588,
53.1278

■ 57.1328, 44.3588,
53.1278

■ 52.1950, 36.8420,
44.2091

■ 63.0363, 53.5589,
63.1319

■ 48.1637, 30.8984,
36.3325

■ 69.9526, 64.5306,
74.2568

■ 44.9787, 26.4151,
29.4550

■ 77.9300, 77.3636,
86.5398

■ 42.5707, 23.2607,
23.5292

■ 87.0125, 92.1396,
100.0151

■ 40.8576, 21.2802,
18.5018

■ 91.1185, 97.9732,
108.7160

■ 39.7200, 20.2431,
14.3056

■ 39.6165, 20.1564,
13.9001

Harmonies

Analogous

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



53.9809, 44.3588, 75.6229



57.1328, 44.3588, 53.1278



55.9291, 44.3588, 34.5921

Triad

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



57.1328, 44.3588, 53.1278



37.0555, 44.3588, 20.6280



34.5208, 44.3588, 86.5555

Complementary

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



57.1328, 44.3588, 53.1278



55.7666, 75.5000, 69.3951

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.



30.8622, 44.3588, 65.2194



57.1328, 44.3588, 53.1278



32.2074, 44.3588, 28.5053

Square

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



57.1328, 44.3588, 53.1278



43.8156, 44.3588, 19.0615



30.0650, 44.3588, 43.7724



40.5499, 44.3588, 98.1172

Rectangle

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



57.1328, 44.3588, 53.1278



52.8770, 44.3588, 26.3008



30.0650, 44.3588, 43.7724



33.0016, 44.3588, 80.0449

Sweetspot

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



57.1341, 44.3609, 53.1287



83.2837, 80.8987, 91.3165



52.0947, 40.9253, 90.7422



17.5749, 16.9108, 19.1605



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.



57.1341, 44.3609, 53.1287



58.6132, 42.1051, 50.5767



54.7776, 45.4910, 34.3299



16.7812, 16.5953, 18.5941



21.6051, 10.9855, 7.8948



1.9486, 0.9854, 0.9558

Inverse Universe

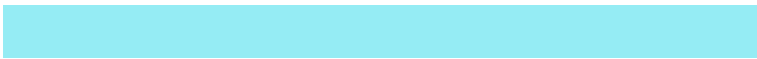
The Inverse Universe completely reimagines the original color for something new.



57.1341, 44.3609, 53.1287



58.6132, 42.1051, 50.5767



58.7445, 72.9614, 96.5753



16.7812, 16.5953, 18.5941



21.6051, 10.9855, 7.8948



1.9486, 0.9854, 0.9558

Previews

White Background



This preview shows how the XYZ color 57.1328, 44.3588, 53.1278 looks on a white background.

Color Contrast Check

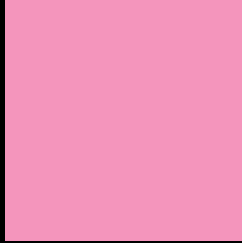
Large Text (above 18pt) WCAG AA × Fail

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 57.1328, 44.3588, 53.1278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

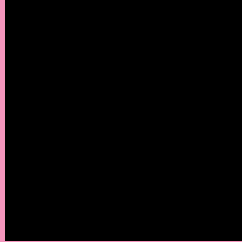
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.1328, 44.3588, 53.1278

Background



This preview shows how black text looks on a background with the XYZ color 57.1328, 44.3588, 53.1278.



This preview shows how white text looks on a background with the XYZ color 57.1328, 44.3588,

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

57.1328, 44.3588, 53.1278

Protanopia

43.9752, 44.7363, 64.0748

Deuteranopia

45.5876, 44.6853, 51.5698



Tritanopia

54.8007, 44.3763, 41.2745

Trichromacy



Original Color

57.1328, 44.3588, 53.1278



Protanomaly

47.6807, 43.9031, 59.9939



Deuteranomaly

49.1838, 44.0508, 51.8093



Tritanomaly

55.7332, 44.5283, 45.1925

Monochromacy



Original Color

57.1328, 44.3588, 53.1278



Achromatopsia

44.4628, 46.7784, 50.9417



Achromatomaly

48.2033, 45.1893, 51.5292

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1328, 44.3588, 53.1278 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(244, 149, 188)` looks like.

```
.text, #text, p{  
    color:rgb(244, 149, 188)  
}
```

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(244, 149, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 149, 188) }
```

Border

The CSS property to change the border of an element to XYZ 57.1328, 44.3588, 53.1278 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(244, 149, 188) }
```


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

```
.border{ border-color:rgb(244, 149, 188) }
```

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

Here you see how a box with a 4 pixel rgb(244, 149, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 149, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 149, 188);  
box-shadow:4px 4px 4px 4px rgb(244, 149,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1328, 44.3588, 53.1278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 149, 188) }
```

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

```
.background{ background-color: rgb(244,  
149, 188) }
```

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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