

Converting Colors

XYZ(58.5240, 45.2062, 51.9991)

Have a look what the booklet for
XYZ(58.5240, 45.2062, 51.9991)
contains.

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Color

**XYZ(58.3218, 44.9965,
52.0657)**

Conversions

Conversions Part 1

Format	Color
Hex	F895BA
RGB	248, 149, 186
RGB Percent	97%, 58%, 73%
CMY	0.0274, 0.4157, 0.2706
CMYK	0.00, 0.40, 0.25, 0.03
HSL	338°, 88%, 78%
HSV	338°, 40%, 97%
XYZ	58.3218, 44.9965, 52.0657
YIQ	182.8190, 47.1270, 32.4950

Conversions

Conversions Part 2

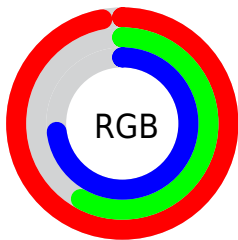
Format	Color
R _Y B	248, 149, 186
Decimal	16291258
CIE Lab	72.89, 41.74, -3.14
CIE LCh	73, 41.854, 355.699
Yxy	44.9965, 0.3753, 0.2896
Android (android.graphics.Color)	4294481338 (0xFFFF895BA)
YUV	182.8190, 1.5682, 57.1637
Hunter-Lab	67.0794, 37.8067, 0.9359

Details

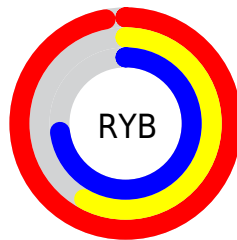
The XYZ color **58.3218, 44.9965, 52.0657** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **57.7218, 78.2287, 73.6893**, and the grayscale version is **44.8854, 47.2229, 51.4257**.

A 20% lighter version of the original color is **79.0983, 71.3334, 93.6042**, and **29.6517, 21.0063, 24.6821** is the 20% darker color. If you saturate the color by 10%, you get **53.2453, 37.3437, 42.6649**, and if you desaturate by 10%, it is **64.4157, 54.3961, 62.6922**.

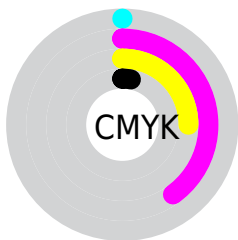
Distribution



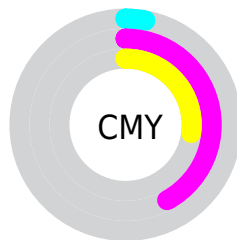
- Red (97%)
- Green (58%)
- Blue (73%)



- Red (97%)
- Yellow (58%)
- Blue (73%)



- Cyan (0%)
- Magenta (40%)
- Yellow (25%)
- Black (3%)





- Cyan (3%)
- Magenta (42%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.3218, 44.9965, 52.0657 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 58.3218, 44.9965, 52.0657 by changing the saturation by 10% instead.


 58.3218, 44.9965,
52.0657


 58.3218, 44.9965,
52.0657


408.3185,
366.7594, 411.6544

 42.3117, 31.4547,
36.6748


 101.5116, 82.7152,
94.6557

 29.5376, 20.9453,
24.6620


 129.4220,
107.6608, 122.6919

 19.6342, 13.0840,
15.6087


162.0298,
137.1764, 155.7803

 12.2361, 7.4864,
9.0963

199.7005,
171.6466, 194.3395

 6.9781, 3.7681,
4.7064

242.7994,
211.4555, 238.7879

 3.4946, 1.5447,
2.0203

291.6917,

 1.4204, 0.3199,

256.9877, 289.5442

0.5677

346.7430,
308.6275, 347.0268

■ 0.2707, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.3218, 44.9965,
52.0657

■ 58.3218, 44.9965,
52.0657

■ 53.2453, 37.3437,
42.6649

■ 64.4157, 54.3961,
62.6922

■ 49.1231, 31.3218,
34.4391

■ 71.5775, 65.6357,
74.5866

■ 45.8909, 26.8114,
27.3378

■ 79.8585, 78.8096,
87.7924

■ 43.4740, 23.6732,
21.3046

■ 89.3059, 94.0038,
102.3500

■ 41.7843, 21.7421,
16.2769

■ 92.5216, 98.6966,
108.7817

■ 40.6811, 20.7479,
12.1721

■ 40.6732, 20.7412,
12.1413

Harmonies

Analogous

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



55.4224, 44.9965, 75.2737



58.3218, 44.9965, 52.0657



56.6811, 44.9965, 33.5670

Triad

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



58.3218, 44.9965, 52.0657



36.9733, 44.9965, 20.9947



35.3457, 44.9965, 90.1962

Complementary

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



58.3218, 44.9965, 52.0657



57.7218, 78.2287, 73.6893

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.



31.3409, 44.9965, 68.5430



58.3218, 44.9965, 52.0657



32.2030, 44.9965, 29.6759

Square

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



58.3218, 44.9965, 52.0657



43.8275, 44.9965, 18.8776



30.2587, 44.9965, 46.0447



41.7254, 44.9965, 100.9104

Rectangle

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



58.3218, 44.9965, 52.0657



53.3226, 44.9965, 25.5150



30.2587, 44.9965, 46.0447



33.7068, 44.9965, 83.7017

Sweetspot

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



58.3231, 44.9987, 52.0666



83.1197, 80.8331, 90.4530



54.2852, 41.9836, 94.0499



17.5364, 16.8954, 18.9578



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.



58.3231, 44.9987, 52.0666



57.6431, 41.1538, 47.2049



56.8043, 47.4614, 34.6035



17.5129, 17.3325, 19.2905



22.0338, 11.2293, 6.8866



2.0902, 1.0598, 0.8982

Inverse Universe

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



58.3231, 44.9987, 52.0666



57.6431, 41.1538, 47.2049



59.4645, 73.4186, 99.8445



17.5129, 17.3325, 19.2905



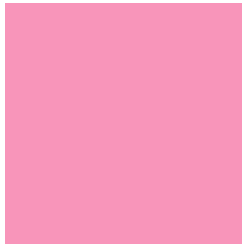
22.0338, 11.2293, 6.8866



2.0902, 1.0598, 0.8982

Previews

White Background



This preview shows how the XYZ color 58.3218, 44.9965, 52.0657 looks on a white background.

Color Contrast Check

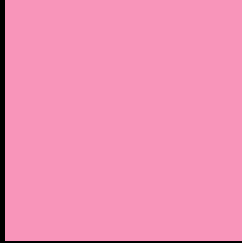
Large Text (above 18pt) WCAG AA × Fail

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 58.3218, 44.9965, 52.0657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

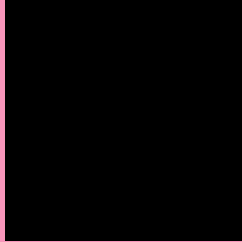
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.3218, 44.9965, 52.0657

Background



This preview shows how black text looks on a background with the XYZ color 58.3218, 44.9965, 52.0657.



This preview shows how white text looks on a background with the XYZ color 58.3218, 44.9965,

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

58.3218, 44.9965, 52.0657

Protanopia

44.4987, 45.3144, 63.5280

Deuteranopia

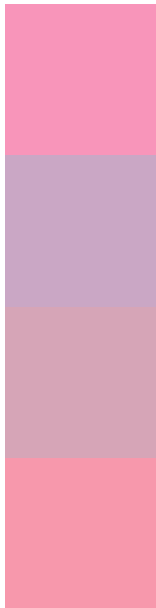
46.0852, 45.2516, 50.5614



Tritanopia

56.0981, 45.0556, 40.8619

Trichromacy



Original Color

58.3218, 44.9965, 52.0657

Protanomaly

48.2539, 44.2252, 58.8164

Deuteranomaly

49.7339, 44.6253, 50.7920

Tritanomaly

57.0324, 45.2092, 44.7500

Monochromacy



Original Color

58.3218, 44.9965, 52.0657

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

48.9468, 45.8519, 51.6179

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3218, 44.9965, 52.0657 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(248, 149, 186)` looks like.

```
.text, #text, p{  
    color:rgb(248, 149, 186)  
}
```

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(248, 149, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 149, 186) }
```

Border

The CSS property to change the border of an element to XYZ 58.3218, 44.9965, 52.0657 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(248, 149, 186) }
```


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

```
.border{ border-color:rgb(248, 149, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 149, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 149, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 149, 186);  
box-shadow:4px 4px 4px 4px rgb(248, 149,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3218, 44.9965, 52.0657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 149, 186) }
```

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

```
.background{ background-color: rgb(248,  
149, 186) }
```

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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