

Converting Colors

XYZ(58.5885, 42.9243, 49.9693)

Have a look what the booklet for
XYZ(58.5885, 42.9243, 49.9693)
contains.

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Color

**XYZ(58.6529, 42.9550,
49.9995)**

Conversions

Conversions Part 1

Format	Color
Hex	FE8BB7
RGB	254, 139, 183
RGB Percent	100%, 55%, 72%
CMY	0.0039, 0.4549, 0.2823
CMYK	0.00, 0.45, 0.28, 0.00
HSL	337°, 98%, 77%
HSV	337°, 45%, 100%
XYZ	58.6529, 42.9550, 49.9995
YIQ	178.4010, 54.4160, 38.0640

Conversions

Conversions Part 2

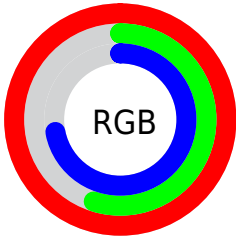
Format	Color
RYB	254, 139, 183
Decimal	16681911
CIELab	71.52, 48.42, -3.40
CIElCh	72, 48.542, 355.989
Yxy	42.9550, 0.3869, 0.2833
Android (android.graphics.Color)	4294871991 (0xFFFE8BB7)
YUV	178.4010, 2.2673, 66.3003
Hunter-Lab	65.5401, 45.0475, 0.6466

Details

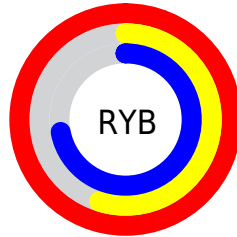
The XYZ color **58.6529, 42.9550, 49.9995** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **57.7242, 81.0268, 73.5744**, and the grayscale version is **42.4987, 44.7120, 48.6913**.

A 20% lighter version of the original color is **76.3351, 66.5222, 90.4781**, and **29.7834, 19.7108, 23.3539** is the 20% darker color. If you saturate the color by 10%, you get **53.8507, 35.8189, 40.7891**, and if you desaturate by 10%, it is **64.4936, 51.8766, 60.4543**.

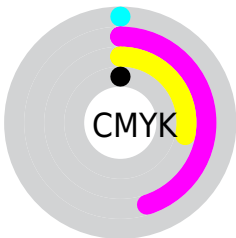
Distribution



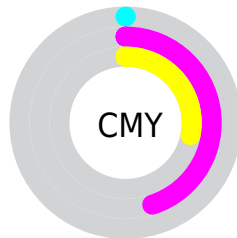
- Red (100%)
- Green (55%)
- Blue (72%)



- Red (100%)
- Yellow (55%)
- Blue (72%)



- Cyan (0%)
- Magenta (45%)
- Yellow (28%)
- Black (0%)





- Cyan (0%)
- Magenta (45%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.6529, 42.9550, 49.9995 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 58.6529, 42.9550, 49.9995 by changing the saturation by 10% instead.

 58.6529, 42.9550,
49.9995


 58.6529, 42.9550,
49.9995


409.5292,
358.4267, 403.3990


 42.5791, 29.8498,
35.0418


 101.9905, 79.6429,
91.5704

 29.7481, 19.7246,
23.4113


 129.9850,
103.9945, 119.0208

 19.7946, 12.1950,
14.6893

 162.6838,
132.8636, 151.4724

 12.3532, 6.8766,
8.4575

200.4522,
166.6347, 189.3439

 7.0586, 3.3851,
4.2971

243.6556,
205.6922, 233.0537

 3.5454, 1.3359,
1.7897

292.6593,

 1.4483, 0.1688,

250.4204, 283.0205

0.4211

347.8287,
301.2038, 339.6628

■ 0.2903, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.6529, 42.9550,
49.9995

■ 58.6529, 42.9550,
49.9995

■ 53.8507, 35.8189,
40.7891

■ 64.4936, 51.8766,
60.4543

■ 50.0176, 30.3394,
32.7694

■ 71.4293, 62.6881,
72.1989

■ 47.0806, 26.3808,
25.8857

■ 79.5161, 75.4932,
85.2793

■ 44.9541, 23.7821,
20.0766

■ 88.8056, 90.3865,
99.7383

■ 43.5334, 22.3455,
15.2725

94.6831, 99.8109,
108.8828

■ 43.0390, 21.9372,
13.3179

Harmonies

Analogous

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



55.3341, 42.9550, 76.8322



58.6529, 42.9550, 49.9995



56.6952, 42.9550, 29.6496

Triad

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



58.6529, 42.9550, 49.9995



34.3036, 42.9550, 16.8001



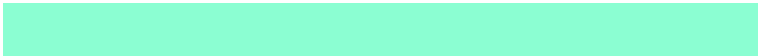
32.6313, 42.9550, 95.0473

Complementary

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



58.6529, 42.9550, 49.9995



57.7242, 81.0268, 73.5744

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.



28.2365, 42.9550, 69.4675



58.6529, 42.9550, 49.9995



29.1075, 42.9550, 25.7944

Square

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



58.6529, 42.9550, 49.9995



41.9398, 42.9550, 14.6487



27.0378, 42.9550, 43.6840



39.7349, 42.9550, 107.7883

Rectangle

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



58.6529, 42.9550, 49.9995



52.7854, 42.9550, 21.2402



27.0378, 42.9550, 43.6840



30.8273, 42.9550, 87.3210

Sweetspot

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



58.6541, 42.9571, 50.0003



81.3518, 77.9605, 87.8195



53.6785, 39.3129, 98.5251



17.0070, 16.0401, 18.1543



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.



58.6541, 42.9571, 50.0003



54.8902, 36.9542, 42.2605



56.8309, 45.5292, 30.2215



18.2969, 18.1021, 20.1808



22.7570, 11.5921, 7.3706



2.2671, 1.1492, 0.9879

Inverse Universe

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



58.6541, 42.9571, 50.0003



54.8902, 36.9542, 42.2605



59.8705, 75.3102, 105.1469



18.2969, 18.1021, 20.1808



22.7570, 11.5921, 7.3706



2.2671, 1.1492, 0.9879

Previews

White Background



This preview shows how the XYZ color 58.6529, 42.9550, 49.9995 looks on a white background.

Color Contrast Check

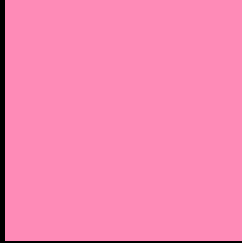
Large Text (above 18pt) WCAG AA × Fail

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 58.6529, 42.9550, 49.9995 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 58.6529, 42.9550, 49.9995

Background



This preview shows how black text looks on a background with the XYZ color 58.6529, 42.9550, 49.9995.



This preview shows how white text looks on a background with the XYZ color 58.6529, 42.9550,

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

58.6529, 42.9550, 49.9995

Protanopia

42.7331, 43.2259, 63.8488

Deuteranopia

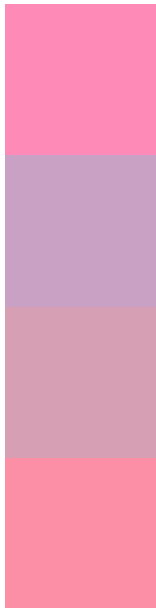
44.1488, 43.1703, 48.1253



Tritanopia

55.6733, 42.8223, 36.3416

Trichromacy



Original Color

58.6529, 42.9550, 49.9995

Protanomaly

46.9103, 41.9385, 58.4458

Deuteranomaly

48.6607, 42.5386, 48.8261

Tritanomaly

56.6094, 42.7581, 40.8668

Monochromacy



Original Color

58.6529, 42.9550, 49.9995

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

46.9673, 42.9680, 48.9982

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6529, 42.9550, 49.9995 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(254, 139, 183)` looks like.

```
.text, #text, p{  
    color:rgb(254, 139, 183)  
}
```

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(254, 139, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 139, 183) }
```

Border

The CSS property to change the border of an element to XYZ 58.6529, 42.9550, 49.9995 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(254, 139, 183) }
```


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

```
.border{ border-color:rgb(254, 139, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 139, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 139, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 139, 183);  
box-shadow:4px 4px 4px 4px rgb(254, 139,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6529, 42.9550, 49.9995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 139, 183) }
```

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

```
.background{ background-color: rgb(254,  
139, 183) }
```

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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