

Converting Colors

XYZ(55.6762, 43.0941, 58.6292)

Have a look what the booklet for
XYZ(55.6762, 43.0941, 58.6292)
contains.

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Color

**XYZ(55.5518, 42.9492,
58.7882)**

Conversions

Conversions Part 1

Format	Color
Hex	ED93C6
RGB	237, 147, 198
RGB Percent	93%, 58%, 78%
CMY	0.0706, 0.4235, 0.2235
CMYK	0.00, 0.38, 0.16, 0.07
HSL	326°, 71%, 75%
HSV	326°, 38%, 93%
XYZ	55.5518, 42.9492, 58.7882
YIQ	179.7240, 37.2690, 34.9410

Conversions

Conversions Part 2

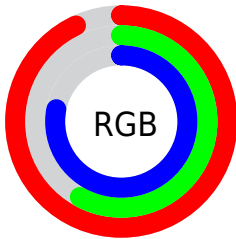
Format	Color
R _Y B	237, 147, 198
Decimal	15569862
CIE Lab	71.52, 40.80, -11.96
CIE LCh	72, 42.518, 343.663
Yxy	42.9492, 0.3532, 0.2731
Android (android.graphics.Color)	4293759942 (0xFFED93C6)
YUV	179.7240, 9.0101, 50.2311
Hunter-Lab	65.5356, 36.6196, -7.3107

Details

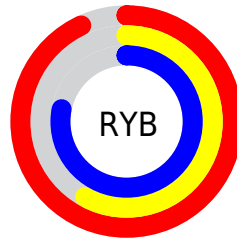
The XYZ color **55.5518, 42.9492, 58.7882** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **51.1816, 70.3178, 57.3327**, and the grayscale version is **43.1749, 45.4234, 49.4661**.

A 20% lighter version of the original color is **80.4105, 70.7211, 104.0202**, and **27.8591, 19.7223, 28.7240** is the 20% darker color. If you saturate the color by 10%, you get **51.0943, 35.8658, 51.6545**, and if you desaturate by 10%, it is **60.8513, 51.5870, 66.5998**.

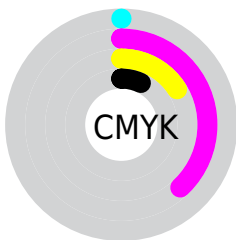
Distribution



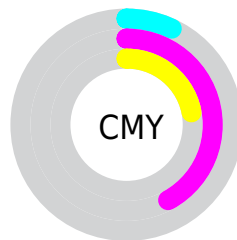
- Red (93%)
- Green (58%)
- Blue (78%)



- Red (93%)
- Yellow (58%)
- Blue (78%)



- Cyan (0%)
- Magenta (38%)
- Yellow (16%)
- Black (7%)





- Cyan (7%)
- Magenta (42%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.5518, 42.9492, 58.7882 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 55.5518, 42.9492, 58.7882 by changing the saturation by 10% instead.


 55.5518, 42.9492,
58.7882


 55.5518, 42.9492,
58.7882


398.1027,
358.4028, 437.7966

 40.0793, 29.8453,
42.0238

 97.4926, 79.6342,
104.5959

 27.7848, 19.7212,
28.7942


 124.6915,
103.9840, 134.4762

 18.3032, 12.1925,
18.6809


156.5300,
132.8513, 169.5655

 11.2689, 6.8749,
11.2655

193.3734,
166.6204, 210.2824

 6.3166, 3.3840,
6.1293

235.5870,
205.6757, 257.0454

 3.0810, 1.3353,
2.8538

283.5361,

 1.1968, 0.1683,

250.4016, 310.2731

1.0205

337.5863,
301.1825, 370.3840

■ 0.1038, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.5518, 42.9492,
58.7882

■ 55.5518, 42.9492,
58.7882

■ 51.0943, 35.8658,
51.6545

■ 60.8513, 51.5870,
66.5998

■ 47.4265, 30.2362,
45.1722

■ 67.0335, 61.8596,
75.1092

■ 44.4958, 25.9576,
39.3161

■ 74.1409, 73.8492,
84.3383

■ 42.2413, 22.9106,
34.0577

■ 82.2121, 87.6306,
94.3072

■ 40.5915, 20.9549,
29.3645

■ 87.8394, 96.3863,
103.8869

■ 39.4482, 19.8973,
25.1948

■ 88.7353, 96.7446,
108.6045

■ 39.2490, 19.7341,
24.4027

Harmonies

Analogous

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



51.1125, 42.9492, 81.5863



55.5518, 42.9492, 58.7882



55.7567, 42.9492, 38.0344

Triad

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



55.5518, 42.9492, 58.7882



37.6475, 42.9492, 17.9098



31.6288, 42.9492, 79.7107

Complementary

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



55.5518, 42.9492, 58.7882



51.1816, 70.3178, 57.3327

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.



28.8249, 42.9492, 56.7373



55.5518, 42.9492, 58.7882



32.0145, 42.9492, 23.6006

Square

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



55.5518, 42.9492, 58.7882



44.8288, 42.9492, 18.1627



28.9573, 42.9492, 36.5031



37.0612, 42.9492, 95.8806

Rectangle

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



55.5518, 42.9492, 58.7882



53.4216, 42.9492, 28.0965



28.9573, 42.9492, 36.5031



30.3776, 42.9492, 72.2771

Sweetspot

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



55.5531, 42.9512, 58.7891



84.8496, 82.6325, 96.1484



45.9714, 37.4233, 84.9217



17.9128, 17.2668, 20.2591



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.



55.5531, 42.9512, 58.7891



61.2047, 43.7187, 62.4447



51.1102, 41.1740, 35.3930



15.4230, 15.1971, 17.5130



21.4955, 10.8009, 13.6764



1.7360, 0.8674, 1.3274

Inverse Universe

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



55.5531, 42.9512, 58.7891



61.2047, 43.7187, 62.4447



56.7420, 72.5419, 86.6134



15.4230, 15.1971, 17.5130



21.4955, 10.8009, 13.6764



1.7360, 0.8674, 1.3274

Previews

White Background



This preview shows how the XYZ color 55.5518, 42.9492, 58.7882 looks on a white background.

Color Contrast Check

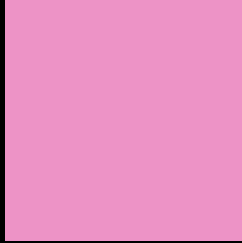
Large Text (above 18pt) WCAG AA × Fail

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 55.5518, 42.9492, 58.7882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

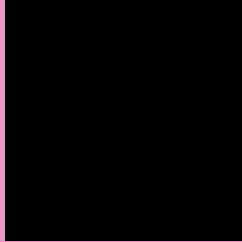
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.5518, 42.9492, 58.7882

Background



This preview shows how black text looks on a background with the XYZ color 55.5518, 42.9492, 58.7882.



This preview shows how white text looks on a background with the XYZ color 55.5518, 42.9492,

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

55.5518, 42.9492, 58.7882

Protanopia

43.2566, 43.3370, 71.0507

Deuteranopia

44.0677, 43.2112, 57.0569



Tritanopia

51.7870, 42.8227, 41.1334

Trichromacy



Original Color

55.5518, 42.9492, 58.7882



Protanomaly

46.5223, 42.3608, 66.0461



Deuteranomaly

47.3993, 42.4773, 57.3305



Tritanomaly

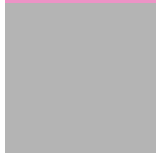
52.9341, 42.8000, 47.0663

Monochromacy



Original Color

55.5518, 42.9492, 58.7882



Achromatopsia

43.3819, 45.6411, 49.7032



Achromatomaly

47.0597, 44.0106, 53.0283

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5518, 42.9492, 58.7882 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(237, 147, 198)` looks like.

```
.text, #text, p{  
    color:rgb(237, 147, 198)  
}
```

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(237, 147, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 147, 198) }
```

Border

The CSS property to change the border of an element to XYZ 55.5518, 42.9492, 58.7882 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(237, 147, 198) }
```


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

```
.border{ border-color:rgb(237, 147, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 147, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 147, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 147, 198);  
box-shadow:4px 4px 4px 4px rgb(237, 147,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5518, 42.9492, 58.7882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 147, 198) }
```

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

```
.background{ background-color: rgb(237,  
147, 198) }
```

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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