

Converting Colors

XYZ(57.5913, 43.3834, 69.7309)

Have a look what the booklet for
XYZ(57.5913, 43.3834, 69.7309)
contains.

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Color

**XYZ(57.6510, 43.3342,
69.6158)**

Conversions

Conversions Part 1

Format	Color
Hex	EE91D7
RGB	238, 145, 215
RGB Percent	93%, 57%, 84%
CMY	0.0667, 0.4314, 0.1569
CMYK	0.00, 0.39, 0.10, 0.07
HSL	315°, 73%, 75%
HSV	315°, 39%, 93%
XYZ	57.6510, 43.3342, 69.6158
YIQ	180.7870, 32.9580, 41.4860

Conversions

Conversions Part 2

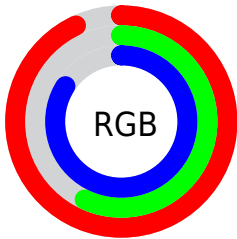
Format	Color
R _Y B	238, 145, 215
Decimal	15634903
CIE Lab	71.78, 44.88, -20.95
CIE LCh	72, 49.528, 334.975
Yxy	43.3342, 0.3379, 0.2540
Android (android.graphics.Color)	4293824983 (0xFFEE91D7)
YUV	180.7870, 16.8670, 50.1758
Hunter-Lab	65.8287, 41.1252, -16.6208

Details

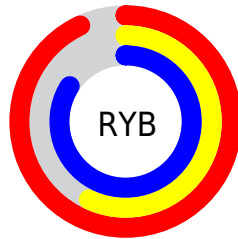
The XYZ color **57.6510, 43.3342, 69.6158** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **49.3213, 69.9973, 47.9599**, and the grayscale version is **43.7065, 45.9827, 50.0751**.

A 20% lighter version of the original color is **79.9443, 69.7886, 103.8648**, and **28.9947, 19.8957, 35.5698** is the 20% darker color. If you saturate the color by 10%, you get **53.6454, 36.5112, 64.6159**, and if you desaturate by 10%, it is **62.4482, 51.6955, 75.0147**.

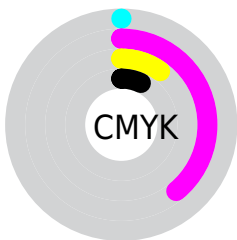
Distribution



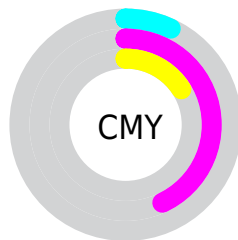
- Red (93%)
- Green (57%)
- Blue (84%)



- Red (93%)
- Yellow (57%)
- Blue (84%)



- Cyan (0%)
- Magenta (39%)
- Yellow (10%)
- Black (7%)



- Cyan (7%)
- Magenta (43%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.6510, 43.3342, 69.6158 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 57.6510, 43.3342, 69.6158 by changing the saturation by 10% instead.

57.6510, 43.3342,
69.6158

57.6510, 43.3342,
69.6158

405.8591,
359.9844, 477.9525

41.7703, 30.1474,
50.7385

100.5403, 80.2149,
120.3367

29.1118, 19.9505,
35.6253

128.2797,
104.6777, 153.0173

19.3101, 12.3591,
23.8575

160.7027,
133.6679, 191.1362

11.9999, 6.9887,
15.0167

198.1746,
167.5699, 235.1118

6.8158, 3.4550,
8.6844

241.0609,
206.7682, 285.3627

3.3925, 1.3737,
4.4419

289.7268,

1.3646, 0.1972,

251.6471, 342.3074

1.8708

344.5377,
302.5910, 406.3645

■ 0.2308, 0.0000,
0.4740

■ 0.0000, 0.0000,
0.0000

■ 57.6510, 43.3342,
69.6158

■ 57.6510, 43.3342,
69.6158

■ 53.6454, 36.5112,
64.6159

■ 62.4482, 51.6955,
75.0147

■ 50.3792, 31.1245,
59.9949

■ 68.0771, 61.6768,
80.8261

■ 47.8000, 27.0692,
55.7344

■ 74.5797, 73.3611,
87.0657

■ 45.8467, 24.2236,
51.8126

■ 81.9940, 86.8241,
93.7476

■ 44.4469, 22.4432,
48.2039

■ 87.4152, 96.2553,
99.9047

■ 43.4901, 21.5076,
44.8699

■ 88.3256, 96.6195,
104.6992

■ 43.4108, 21.4375,
44.5705

■ 89.0702, 96.9173,
108.6202

Harmonies

Analogous

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



51.1725, 43.3342, 96.2275



57.6510, 43.3342, 69.6158



59.4939, 43.3342, 43.2791

Triad

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



57.6510, 43.3342, 69.6158



39.8009, 43.3342, 14.4458



29.3053, 43.3342, 79.0291

Complementary

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



57.6510, 43.3342, 69.6158



49.3213, 69.9973, 47.9599

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.



27.0844, 43.3342, 51.3161



57.6510, 43.3342, 69.6158



32.5946, 43.3342, 18.4954

Square

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



57.6510, 43.3342, 69.6158



48.4156, 43.3342, 16.4260



28.2015, 43.3342, 30.1762



34.7178, 43.3342, 102.8340

Rectangle

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



57.6510, 43.3342, 69.6158



57.6583, 43.3342, 30.2030



28.2015, 43.3342, 30.1762



28.1969, 43.3342, 69.5692

Sweetspot

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



57.6523, 43.3362, 69.6167



84.8585, 81.5287, 99.6096



41.4330, 34.6090, 85.3861



17.9458, 17.0592, 21.1138



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.



57.6523, 43.3362, 69.6167



63.5644, 44.0856, 76.6497



52.6237, 41.3247, 43.1362



16.2774, 15.9607, 19.0172



24.2728, 11.9815, 25.1507



2.0584, 1.0124, 2.2986

Inverse Universe

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



57.6523, 43.3362, 69.6167



63.5644, 44.0856, 76.6497



54.2888, 71.9843, 74.1185



16.2774, 15.9607, 19.0172



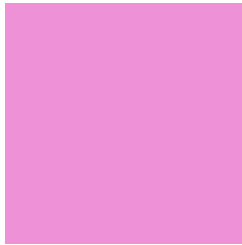
24.2728, 11.9815, 25.1507



2.0584, 1.0124, 2.2986

Previews

White Background



This preview shows how the XYZ color 57.6510, 43.3342, 69.6158 looks on a white background.

Color Contrast Check

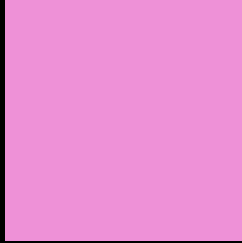
Large Text (above 18pt) WCAG AA × Fail

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 57.6510, 43.3342, 69.6158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

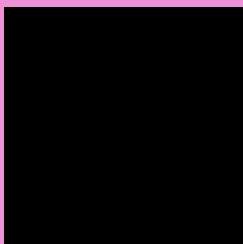
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.6510, 43.3342, 69.6158

Background



This preview shows how black text looks on a background with the XYZ color 57.6510, 43.3342, 69.6158.



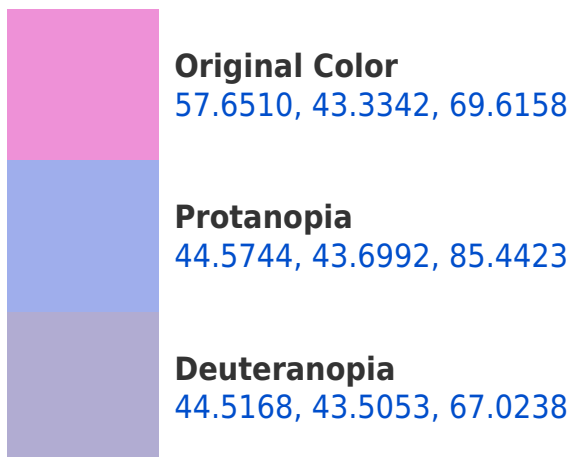
This preview shows how white text looks on a background with the XYZ color 57.6510, 43.3342,

69.6158.

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





Tritanopia

51.8830, 43.3517, 41.7096

Trichromacy



Original Color

57.6510, 43.3342, 69.6158



Protanomaly

47.8398, 42.4872, 79.0782



Deuteranomaly

48.3572, 42.7362, 67.9876



Tritanomaly

53.6500, 43.0863, 50.8362

Monochromacy



Original Color

57.6510, 43.3342, 69.6158



Achromatopsia

43.9204, 46.2077, 50.3202



Achromatomaly

47.9854, 44.4121, 56.4954

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6510, 43.3342, 69.6158 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(238, 145, 215)` looks like.

```
.text, #text, p{  
    color:rgb(238, 145, 215)  
}
```

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(238, 145, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 145, 215) }
```

Border

The CSS property to change the border of an element to XYZ 57.6510, 43.3342, 69.6158 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(238, 145, 215) }
```


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

```
.border{ border-color:rgb(238, 145, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 145, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 145, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 145, 215);  
box-shadow:4px 4px 4px 4px rgb(238, 145,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6510, 43.3342, 69.6158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 145, 215) }
```

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

```
.background{ background-color: rgb(238,  
145, 215) }
```

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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