

Converting Colors

XYZ(58.2022, 45.4591, 80.2006)

Have a look what the booklet for
XYZ(58.2022, 45.4591, 80.2006)
contains.

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Color

**XYZ(58.3316, 45.5913,
79.8543)**

Conversions

Conversions Part 1

Format	Color
Hex	E69AE5
RGB	230, 154, 229
RGB Percent	90%, 60%, 90%
CMY	0.0980, 0.3961, 0.1020
CMYK	0.00, 0.33, 0.00, 0.10
HSL	301°, 60%, 75%
HSV	301°, 33%, 90%
XYZ	58.3316, 45.5913, 79.8543
YIQ	185.2740, 21.2210, 39.4370

Conversions

Conversions Part 2

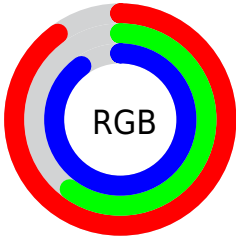
Format	Color
R _Y B	230, 154, 229
Decimal	15112933
CIE Lab	73.28, 40.08, -26.43
CIE LCh	73, 48.010, 326.597
Yxy	45.5913, 0.3174, 0.2481
Android (android.graphics.Color)	4293303013 (0xFFE69AE5)
YUV	185.2740, 21.5569, 39.2247
Hunter-Lab	67.5213, 36.0436, -22.8546

Details

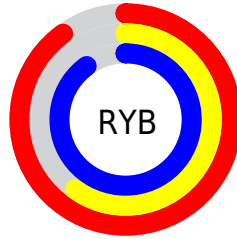
The XYZ color **58.3316, 45.5913, 79.8543** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **47.5415, 65.8318, 41.2140**, and the grayscale version is **46.1433, 48.5463, 52.8669**.

A 20% lighter version of the original color is **82.0905, 74.0809, 104.5802**, and **29.4301, 21.2087, 42.0777** is the 20% darker color. If you saturate the color by 10%, you get **54.8513, 38.6974, 78.4862**, and if you desaturate by 10%, it is **62.5421, 53.9437, 81.4671**.

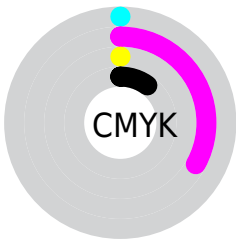
Distribution



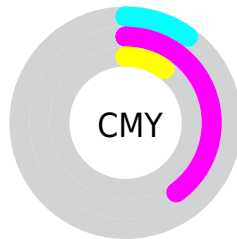
- Red (90%)
- Green (60%)
- Blue (90%)



- Red (90%)
- Yellow (60%)
- Blue (90%)



- Cyan (0%)
- Magenta (33%)
- Yellow (0%)
- Black (10%)




- Cyan (10%)
- Magenta (40%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.3316, 45.5913, 79.8543 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 58.3316, 45.5913, 79.8543 by changing the saturation by 10% instead.


 58.3316, 45.5913,
79.8543

 58.3316, 45.5913,
79.8543


408.3544,
369.1631, 514.1355

 42.3196, 31.9234,
59.0730

 101.5258, 83.6070,
134.9704

 29.5438, 21.3030,
42.2515


 129.4387,
108.7236, 170.1423

 19.6389, 13.3457,
28.9712


162.0492,
138.4253, 210.9482

 12.2396, 7.6670,
18.8137

199.7228,
173.0964, 257.8065

 6.9804, 3.8826,
11.3603

242.8247,
213.1214, 311.1358

 3.4961, 1.6081,
6.1925

291.7204,

 1.4212, 0.3631,

258.8845, 371.3548

2.8918

346.7752,
310.7703, 438.8818

■ 0.2713, 0.0000,
1.0397

■ 0.0000, 0.0000,
0.0000

■ 58.3316, 45.5913,
79.8543

■ 58.3316, 45.5913,
79.8543

■ 54.8513, 38.6974,
78.4862

■ 62.5421, 53.9437,
81.4671

■ 52.0552, 33.1728,
77.3460

■ 67.5169, 63.8254,
83.3346

■ 49.8989, 28.9275,
76.4195

■ 73.2930, 75.3096,
85.4696

■ 48.3309, 25.8587,
75.6894

■ 79.9039, 88.4634,
87.8832

47.2917, 23.8475,
75.1360

82.7491, 94.0854,
89.0418

46.7095, 22.7502,
74.7353

82.7918, 94.1025,
89.2668

46.4950, 22.3678,
74.5202

82.8346, 94.1196,
89.4921

82.8774, 94.1368,
89.7177

82.9204, 94.1540,
89.9438

Harmonies

Analogous

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



51.0074, 45.5913, 103.8342



58.3316, 45.5913, 79.8543



61.6229, 45.5913, 52.4499

Triad

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



58.3316, 45.5913, 79.8543



44.3031, 45.5913, 16.2125



30.3886, 45.5913, 73.4753

Complementary

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



58.3316, 45.5913, 79.8543



47.5415, 65.8318, 41.2140

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.



29.0759, 45.5913, 46.9346



58.3316, 45.5913, 79.8543



36.4701, 45.5913, 18.6144

Square

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



58.3316, 45.5913, 79.8543



52.8891, 45.5913, 20.0854



31.1550, 45.5913, 28.2095



35.0037, 45.5913, 99.3893

Rectangle

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



58.3316, 45.5913, 79.8543



60.8082, 45.5913, 37.5209



31.1550, 45.5913, 28.2095



29.5747, 45.5913, 64.1254

Sweetspot

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



58.3331, 45.5933, 79.8553



87.3938, 84.7741, 106.0815



39.1670, 35.6966, 79.6899



18.4936, 17.7231, 22.6270



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.



58.3331, 45.5933, 79.8553



70.4657, 51.1762, 99.6421



53.7049, 43.7420, 55.4836



14.9865, 14.6118, 18.1294



26.3263, 12.6647, 42.2088



1.9481, 0.9369, 3.1331

Inverse Universe

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



58.3331, 45.5933, 79.8553



70.4657, 51.1762, 99.6421



51.1394, 67.2710, 60.1604



14.9865, 14.6118, 18.1294



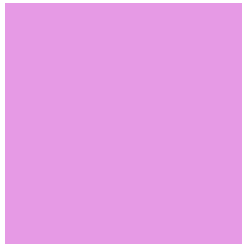
26.3263, 12.6647, 42.2088



1.9481, 0.9369, 3.1331

Previews

White Background



This preview shows how the XYZ color 58.3316, 45.5913, 79.8543 looks on a white background.

Color Contrast Check

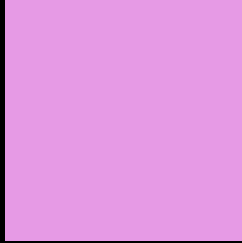
Large Text (above 18pt) WCAG AA × Fail

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 58.3316, 45.5913, 79.8543 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 58.3316, 45.5913, 79.8543

Background



This preview shows how black text looks on a background with the XYZ color 58.3316, 45.5913, 79.8543.



This preview shows how white text looks on a background with the XYZ color 58.3316, 45.5913,

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

58.3316, 45.5913, 79.8543

Protanopia

47.2061, 46.0298, 94.3923

Deuteranopia

46.9919, 45.9945, 77.6352



Tritanopia

51.6427, 45.4132, 47.6387

Trichromacy



Original Color

58.3316, 45.5913, 79.8543



Protanomaly

49.9237, 44.9815, 88.4891



Deuteranomaly

50.4211, 45.4690, 78.0704



Tritanomaly

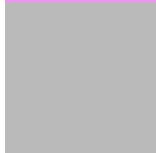
53.8986, 45.2959, 58.1268

Monochromacy



Original Color

58.3316, 45.5913, 79.8543



Achromatopsia

46.1135, 48.5150, 52.8328



Achromatomaly

49.7661, 46.9067, 61.6893

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3316, 45.5913, 79.8543 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(230, 154, 229)` looks like.

```
.text, #text, p{  
    color:rgb(230, 154, 229)  
}
```

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(230, 154, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 154, 229) }
```

Border

The CSS property to change the border of an element to XYZ 58.3316, 45.5913, 79.8543 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(230, 154, 229) }
```


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

```
.border{ border-color:rgb(230, 154, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 154, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 154, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 154, 229);  
box-shadow:4px 4px 4px 4px rgb(230, 154,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3316, 45.5913, 79.8543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 154, 229) }
```

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

```
.background{ background-color: rgb(230,  
154, 229) }
```

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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