

Converting Colors

XYZ(59.3621, 49.6203, 62.7417)

Have a look what the booklet for
XYZ(59.3621, 49.6203, 62.7417)
contains.

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Color

**XYZ(59.3408, 49.5888,
62.9439)**

Conversions

Conversions Part 1

Format	Color
Hex	EDA6CB
RGB	237, 166, 203
RGB Percent	93%, 65%, 80%
CMY	0.0706, 0.3490, 0.2039
CMYK	0.00, 0.30, 0.14, 0.07
HSL	329°, 66%, 79%
HSV	329°, 30%, 93%
XYZ	59.3408, 49.5888, 62.9439
YIQ	191.4470, 30.4390, 26.5590

Conversions

Conversions Part 2

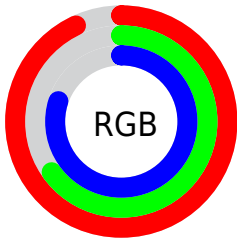
Format	Color
R _Y B	237, 166, 203
Decimal	15574731
CIE Lab	75.82, 31.58, -8.30
CIE LCh	76, 32.655, 345.269
Yxy	49.5888, 0.3453, 0.2885
Android (android.graphics.Color)	4293764811 (0xFFEDA6CB)
YUV	191.4470, 5.6956, 39.9500
Hunter-Lab	70.4193, 27.1842, -3.7025

Details

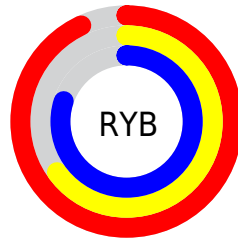
The XYZ color **59.3408, 49.5888, 62.9439** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **56.4375, 72.8469, 65.7333**, and the grayscale version is **49.7376, 52.3278, 56.9850**.

A 20% lighter version of the original color is **85.4113, 80.7226, 105.6871**, and **30.1523, 23.6835, 31.4159** is the 20% darker color. If you saturate the color by 10%, you get **54.1197, 41.2321, 54.7728**, and if you desaturate by 10%, it is **65.4577, 59.5773, 71.9033**.

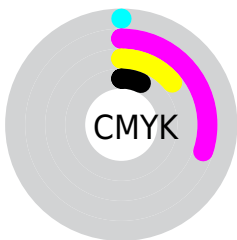
Distribution



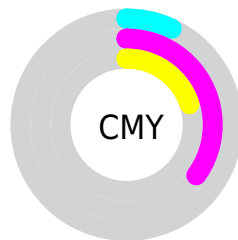
- Red (93%)
- Green (65%)
- Blue (80%)



- Red (93%)
- Yellow (65%)
- Blue (80%)



- Cyan (0%)
- Magenta (30%)
- Yellow (14%)
- Black (7%)





- Cyan (7%)
- Magenta (35%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.3408, 49.5888, 62.9439 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 59.3408, 49.5888, 62.9439 by changing the saturation by 10% instead.


 59.3408, 49.5888,
62.9439


 59.3408, 49.5888,
62.9439


412.0375,
385.0557, 453.4682

 43.1349, 35.0868,
45.3551


 102.9846, 89.5653,
110.6734

 30.1860, 23.7297,
31.3922


 131.1533,
115.8086, 141.6511

 20.1286, 15.1333,
20.6368


164.0403,
146.7345, 177.9290

 12.5973, 8.9130,
12.6701

202.0110,
182.7273, 219.9254

 7.2270, 4.6845,
7.0737

245.4307,
224.1714, 268.0590

 3.6520, 2.0633,
3.4291

294.6647,

 1.5072, 0.6439,

271.4512, 322.7483

1.3177

350.0786,
324.9512, 384.4119

■ 0.3307, 0.0000,
0.0762

■ 0.0000, 0.0000,
0.0000

■ 59.3408, 49.5888,
62.9439

■ 59.3408, 49.5888,
62.9439

■ 54.1197, 41.2321,
54.7728

■ 65.4577, 59.5773,
71.9033

■ 49.7443, 34.4122,
47.3613

■ 72.5083, 71.2723,
81.6720

■ 46.1659, 29.0348,
40.6830

■ 80.5338, 84.7519,
92.2742

■ 43.3289, 24.9922,
34.7082

■ 87.6910, 96.3269,
103.1049

■ 41.1700, 22.1615,
29.4042

■ 88.7354, 96.7447,
108.6045

■ 39.6142, 20.3964,
24.7340

■ 38.5362, 19.4509,
20.6434

■ 38.5319, 19.4473,
20.6263

Harmonies

Analogous

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



55.9166, 49.5888, 81.0892



59.3408, 49.5888, 62.9439



59.3078, 49.5888, 45.6636

Triad

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



59.3408, 49.5888, 62.9439



44.1264, 49.5888, 27.7484



39.3891, 49.5888, 81.3804

Complementary

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



59.3408, 49.5888, 62.9439



56.4375, 72.8469, 65.7333

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.



36.7494, 49.5888, 63.2800



59.3408, 49.5888, 62.9439



39.3204, 49.5888, 33.7264

Square

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



59.3408, 49.5888, 62.9439



50.1621, 49.5888, 27.6964



36.7254, 49.5888, 45.9350



44.2277, 49.5888, 93.1853

Rectangle

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



59.3408, 49.5888, 62.9439



57.3145, 49.5888, 36.9069



36.7254, 49.5888, 45.9350



38.2343, 49.5888, 75.6769

Sweetspot

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



59.3422, 49.5911, 62.9449



86.4412, 85.5336, 97.5489



52.5130, 45.5499, 86.1457



18.2232, 17.8422, 20.5030



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.



59.3422, 49.5911, 62.9449



66.1352, 52.2305, 68.2478



55.6653, 48.1203, 43.5822



15.3933, 15.1852, 17.3564



21.1037, 10.6442, 11.6131



1.7057, 0.8553, 1.1678

Inverse Universe

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



59.3422, 49.5911, 62.9449



66.1352, 52.2305, 68.2478



60.9542, 74.6536, 89.5176



15.3933, 15.1852, 17.3564



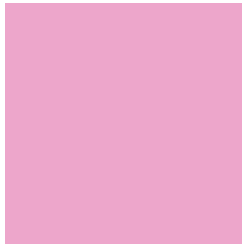
21.1037, 10.6442, 11.6131



1.7057, 0.8553, 1.1678

Previews

White Background



This preview shows how the XYZ color 59.3408, 49.5888, 62.9439 looks on a white background.

Color Contrast Check

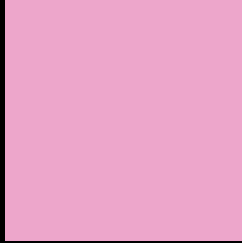
Large Text (above 18pt) WCAG AA × Fail

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 59.3408, 49.5888, 62.9439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

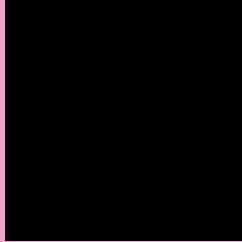
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.3408, 49.5888, 62.9439

Background



This preview shows how black text looks on a background with the XYZ color 59.3408, 49.5888, 62.9439.



This preview shows how white text looks on a background with the XYZ color 59.3408, 49.5888,

62.9439.

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

59.3408, 49.5888, 62.9439

Protanopia

49.2450, 50.0208, 72.0252

Deuteranopia

50.9727, 49.9054, 61.5897



Tritanopia

57.1829, 49.8305, 51.4041

Trichromacy



Original Color

59.3408, 49.5888, 62.9439



Protanomaly

52.2351, 49.4999, 68.4294



Deuteranomaly

53.5085, 49.4138, 61.9760



Tritanomaly

58.0743, 49.9265, 55.2911

Monochromacy



Original Color

59.3408, 49.5888, 62.9439



Achromatopsia

49.5206, 52.0996, 56.7364



Achromatomaly

52.5907, 50.8059, 58.6645

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3408, 49.5888, 62.9439 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, 166, 203)` looks like.

```
.text, #text, p{  
    color:rgb(237, 166, 203)  
}
```

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, 166, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 166, 203) }
```

Border

The CSS property to change the border of an element to XYZ 59.3408, 49.5888, 62.9439 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, 166, 203) }
```


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

```
.border{ border-color:rgb(237, 166, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 166, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 166, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 166, 203);  
box-shadow:4px 4px 4px 4px rgb(237, 166,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3408, 49.5888, 62.9439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 166, 203) }
```

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

```
.background{ background-color: rgb(237,  
166, 203) }
```

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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