

Converting Colors

XYZ(57.5779, 49.6164, 60.4647)

Have a look what the booklet for
XYZ(57.5779, 49.6164, 60.4647)
contains.

XYZ(57.4518, 49.4884, 60.5570)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(57.4518, 49.4884,
60.5570)**

Conversions

Conversions Part 1

Format	Color
Hex	E7A9C7
RGB	231, 169, 199
RGB Percent	91%, 66%, 78%
CMY	0.0941, 0.3372, 0.2196
CMYK	0.00, 0.27, 0.14, 0.09
HSL	331°, 56%, 78%
HSV	331°, 27%, 91%
XYZ	57.4518, 49.4884, 60.5570
YIQ	190.9580, 27.3220, 22.4740

Conversions

Conversions Part 2

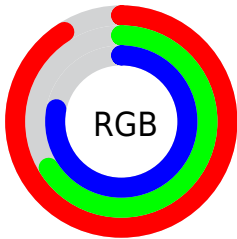
Format	Color
R_{YB}	231, 169, 199
Decimal	15182279
CIE _{Lab}	75.75, 27.27, -6.28
CIE _{LCh}	76, 27.979, 347.035
Yxy	49.4884, 0.3430, 0.2955
Android (android.graphics.Color)	4293372359 (0xFFE7A9C7)
YUV	190.9580, 3.9647, 35.1168
Hunter-Lab	70.3480, 22.6684, -1.7945

Details

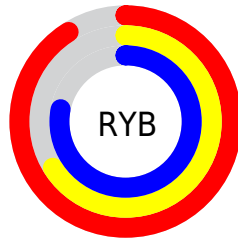
The XYZ color **57.4518, 49.4884, 60.5570** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **55.4828, 69.8053, 65.8112**, and the grayscale version is **49.4648, 52.0408, 56.6725**.

A 20% lighter version of the original color is **86.2152, 82.3304, 105.9551**, and **29.0354, 23.6491, 29.8225** is the 20% darker color. If you saturate the color by 10%, you get **52.1976, 41.1089, 52.2410**, and if you desaturate by 10%, it is **63.5766, 59.4341, 69.6995**.

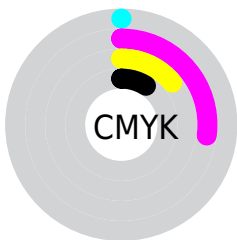
Distribution



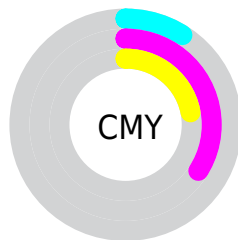
- Red (91%)
- Green (66%)
- Blue (78%)



- Red (91%)
- Yellow (66%)
- Blue (78%)



- Cyan (0%)
- Magenta (27%)
- Yellow (14%)
- Black (9%)




- Cyan (9%)
- Magenta (34%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.4518, 49.4884, 60.5570 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 57.4518, 49.4884, 60.5570 by changing the saturation by 10% instead.


 57.4518, 49.4884,
60.5570


 57.4518, 49.4884,
60.5570


405.1270,
384.6619, 444.5093

 41.6096, 35.0071,
43.4395

 100.2517, 89.4164,
107.1885

 28.9855, 23.6683,
29.8962


 127.9401,
115.6319, 137.5396

 19.2141, 15.0878,
19.5084


160.3080,
146.5275, 173.1390

 11.9300, 8.8810,
11.8577

197.7207,
182.4877, 214.4053

 6.7679, 4.6636,
6.5255

240.5436,
223.8968, 261.7569

 3.3624, 2.0513,
3.0933

289.1421,

 1.3482, 0.6370,

271.1393, 315.6124

1.1424

343.8814,
324.5995, 376.3904

■ 0.2188, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.4518, 49.4884,
60.5570

■ 57.4518, 49.4884,
60.5570

■ 52.1976, 41.1089,
52.2410

■ 63.5766, 59.4341,
69.6995

■ 47.7672, 34.2080,
44.7221

■ 70.6070, 71.0143,
79.6904

■ 44.1158, 28.6996,
37.9732

■ 78.5813, 84.3013,
90.5544

■ 41.1925, 24.4861,
31.9644

■ 85.4568, 95.2057,
101.6215

■ 38.9399, 21.4569,
26.6626

■ 86.7653, 95.7291,
108.5123

■ 37.2907, 19.4826,
22.0314

■ 36.1601, 18.3979,
18.0274

■ 35.8669, 18.1537,
16.8747

Harmonies

Analogous

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



54.7271, 49.4884, 75.8137



57.4518, 49.4884, 60.5570



57.2424, 49.4884, 45.9354

Triad

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



57.4518, 49.4884, 60.5570



44.1729, 49.4884, 30.9104



40.5561, 49.4884, 77.6305

Complementary

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



57.4518, 49.4884, 60.5570



55.4828, 69.8053, 65.8112

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.



38.1233, 49.4884, 62.7014



57.4518, 49.4884, 60.5570



40.1037, 49.4884, 36.6529

Square

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



57.4518, 49.4884, 60.5570



49.3128, 49.4884, 30.5491



37.9641, 49.4884, 47.7210



44.8328, 49.4884, 86.8239

Rectangle

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



57.4518, 49.4884, 60.5570



55.4649, 49.4884, 38.4337



37.9641, 49.4884, 47.7210



39.5097, 49.4884, 73.0039

Sweetspot

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



57.4532, 49.4907, 60.5580



87.2346, 87.0081, 98.1593



52.4332, 46.4274, 81.7999



18.3755, 18.1335, 20.5947



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.



57.4532, 49.4907, 60.5580



68.2555, 56.0988, 70.1023



54.3063, 48.2319, 43.9863



14.6661, 14.4836, 16.4419



20.1695, 10.2020, 9.7874



1.5372, 0.7726, 0.9696

Inverse Universe

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



57.4532, 49.4907, 60.5580



68.2555, 56.0988, 70.1023



59.3635, 71.3576, 86.2466



14.6661, 14.4836, 16.4419



20.1695, 10.2020, 9.7874



1.5372, 0.7726, 0.9696

Previews

White Background



This preview shows how the XYZ color 57.4518, 49.4884, 60.5570 looks on a white background.

Color Contrast Check

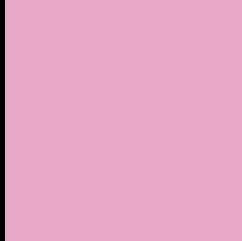
Large Text (above 18pt) WCAG AA × Fail

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 57.4518, 49.4884, 60.5570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

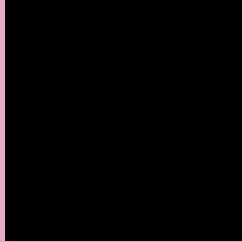
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.4518, 49.4884, 60.5570

Background



This preview shows how black text looks on a background with the XYZ color 57.4518, 49.4884, 60.5570.



This preview shows how white text looks on a background with the XYZ color 57.4518, 49.4884,

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

57.4518, 49.4884, 60.5570

Protanopia

48.8347, 49.9116, 67.3816

Deuteranopia

50.6893, 49.4965, 59.7055



Tritanopia

55.6330, 49.2866, 52.4800

Trichromacy



Original Color

57.4518, 49.4884, 60.5570

Protanomaly

51.4281, 49.4678, 64.5953

Deuteranomaly

53.0666, 49.5185, 60.1872

Tritanomaly

56.3021, 49.2902, 55.2617

Monochromacy



Original Color

57.4518, 49.4884, 60.5570

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

52.1247, 50.8838, 58.1132

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4518, 49.4884, 60.5570 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(231, 169, 199)` looks like.

```
.text, #text, p{  
    color:rgb(231, 169, 199)  
}
```

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(231, 169, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 169, 199) }
```

Border

The CSS property to change the border of an element to XYZ 57.4518, 49.4884, 60.5570 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(231, 169, 199) }
```


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

```
.border{ border-color:rgb(231, 169, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 169, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 169, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 169, 199); box-shadow:4px 4px 4px 4px rgb(231, 169, 199) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4518, 49.4884, 60.5570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 169, 199) }
```

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

```
.background{ background-color: rgb(231,  
169, 199) }
```

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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