

Converting Colors

XYZ(59.3263, 50.3879, 87.0979)

Have a look what the booklet for
XYZ(59.3263, 50.3879, 87.0979)
contains.

XYZ(59.3642, 50.4559, 86.7309)	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(59.3642, 50.4559,
86.7309)**

Conversions

Conversions Part 1

Format	Color
Hex	DCABED
RGB	220, 171, 237
RGB Percent	86%, 67%, 93%
CMY	0.1372, 0.3294, 0.0706
CMYK	0.07, 0.28, 0.00, 0.07
HSL	285°, 65%, 80%
HSV	285°, 28%, 93%
XYZ	59.3642, 50.4559, 86.7309
YIQ	193.1750, 8.0180, 30.9140

Conversions

Conversions Part 2

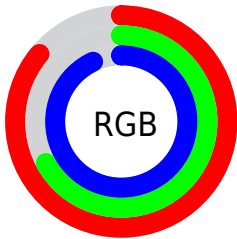
Format	Color
R _Y B	220, 171, 237
Decimal	14461933
CIE Lab	76.35, 29.34, -26.18
CIE LCh	76, 39.323, 318.267
Yxy	50.4559, 0.3020, 0.2567
Android (android.graphics.Color)	4292652013 (0xFFDCABED)
YUV	193.1750, 21.6057, 23.5255
Hunter-Lab	71.0323, 24.8722, -22.6708

Details

The XYZ color **59.3642, 50.4559, 86.7309** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **58.3756, 74.2013, 49.7760**, and the grayscale version is **50.6665, 53.3051, 58.0492**.

A 20% lighter version of the original color is **86.7591, 83.4182, 106.1364**, and **30.1288, 24.1856, 46.7964** is the 20% darker color. If you saturate the color by 10%, you get **53.4690, 41.3575, 85.2862**, and if you desaturate by 10%, it is **66.1327, 61.1985, 88.4485**.

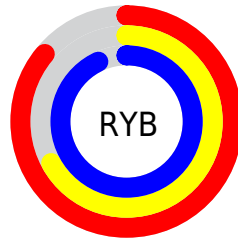
Distribution



Red (86%)

Green (67%)

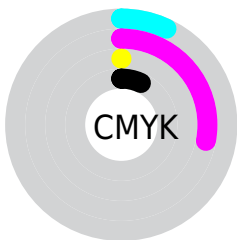
Blue (93%)



Red (86%)

Yellow (67%)

Blue (93%)

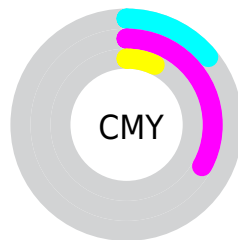


Cyan (7%)

Magenta (28%)

Yellow (0%)

Black (7%)



Cyan (14%)

Magenta (33%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.3642, 50.4559, 86.7309 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 59.3642, 50.4559, 86.7309 by changing the saturation by 10% instead.

59.3642, 50.4559,
86.7309

59.3642, 50.4559,
86.7309

412.1226,
388.4461, 537.6314

43.1539, 35.7758,
64.7142

103.0184, 90.8500,
144.6846

30.2009, 24.2611,
46.7795

131.1930,
117.3328, 181.4586

20.1400, 15.5274,
32.5083

164.0864,
148.5185, 223.9888

12.6057, 9.1904,
21.4820

202.0639,
184.7917, 272.6937

7.2327, 4.8656,
13.2821

245.4909,
226.5366, 327.9919

3.6557, 2.1686,
7.4901

294.7328,

1.5092, 0.7028,

274.1377, 390.3019

3.6874

350.1550,
327.9794, 460.0422

■ 0.3321, 0.0000,
1.4555

■ 0.0000, 0.0000,
0.1844

■ 59.3642, 50.4559,
86.7309

■ 59.3642, 50.4559,
86.7309

■ 53.4690, 41.3575,
85.2862

■ 66.1327, 61.1985,
88.4485

■ 48.3986, 33.8107,
84.0968

■ 73.8101, 73.6587,
90.4489

■ 44.1071, 27.7236,
83.1480

■ 82.4356, 87.9131,
92.7457

■ 40.5415, 22.9916,
82.4226

■ 88.5004, 96.9429,
94.1689

■ 37.6421, 19.4959,
81.9007

■ 90.6589, 98.0556,
94.2699

■ 35.3384, 17.0969,
81.5590

■ 92.2862, 98.8945,
94.3461

■ 33.5346, 15.6041,
81.3660

■ 33.1806, 15.3394,
81.3335

Harmonies

Analogous

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



52.5511, 50.4559, 103.3638



59.3642, 50.4559, 86.7309



63.2618, 50.4559, 63.6374

Triad

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



59.3642, 50.4559, 86.7309



50.9053, 50.4559, 23.9447



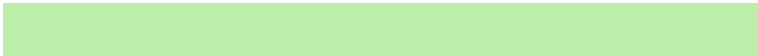
35.6870, 50.4559, 68.7097

Complementary

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



59.3642, 50.4559, 86.7309



58.3756, 74.2013, 49.7760

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.



35.3438, 50.4559, 47.0697



59.3642, 50.4559, 86.7309



43.6384, 50.4559, 24.6417

Square

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



59.3642, 50.4559, 86.7309



58.0532, 50.4559, 29.8167



38.1132, 50.4559, 32.0534



39.1046, 50.4559, 91.2557

Rectangle

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



59.3642, 50.4559, 86.7309



63.4415, 50.4559, 49.2904



38.1132, 50.4559, 32.0534



35.2221, 50.4559, 61.0011

Sweetspot

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



59.3658, 50.4581, 86.7320



86.9771, 86.6849, 106.7554



50.1943, 50.9979, 87.3196



18.3091, 18.0511, 22.7692



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.



59.3658, 50.4581, 86.7320



66.2951, 53.6676, 101.4725



62.6207, 52.3849, 75.6386



15.3141, 15.1072, 19.0311



18.2436, 8.4408, 44.4107



1.5210, 0.7084, 3.4914

Inverse Universe

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



58.5667, 50.7633, 54.2906



65.3473, 54.1583, 57.1841



55.9860, 72.7898, 57.7789



15.2247, 15.1177, 16.4685



19.5735, 10.0321, 3.5555



1.5751, 0.8030, 0.4801

Previews

White Background



This preview shows how the XYZ color 59.3642, 50.4559, 86.7309 looks on a white background.

Color Contrast Check

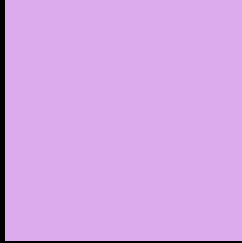
Large Text (above 18pt) WCAG AA × Fail

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 59.3642, 50.4559, 86.7309 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

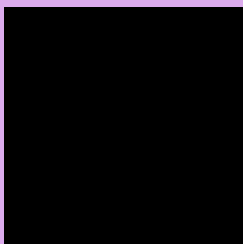
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.3642, 50.4559, 86.7309

Background



This preview shows how black text looks on a background with the XYZ color 59.3642, 50.4559, 86.7309.



This preview shows how white text looks on a background with the XYZ color 59.3642, 50.4559,

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

59.3642, 50.4559, 86.7309

Protanopia

51.5154, 50.6658, 95.8713

Deuteranopia

51.7287, 50.7057, 84.9027



Tritanopia

53.1863, 50.2366, 57.3455

Trichromacy



Original Color

59.3642, 50.4559, 86.7309

Protanomaly

53.8393, 50.3982, 92.4781

Deuteranomaly

54.0816, 50.3764, 85.4705

Tritanomaly

55.3529, 50.2530, 67.1040

Monochromacy



Original Color

59.3642, 50.4559, 86.7309

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

53.4862, 51.9979, 67.5392

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3642, 50.4559, 86.7309 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(220, 171, 237)` looks like.

```
.text, #text, p{  
    color:rgb(220, 171, 237)  
}
```

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(220, 171, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 171, 237) }
```

Border

The CSS property to change the border of an element to XYZ 59.3642, 50.4559, 86.7309 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(220, 171, 237) }
```


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

```
.border{ border-color:rgb(220, 171, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 171, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 171, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 171, 237);  
box-shadow:4px 4px 4px 4px rgb(220, 171,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3642, 50.4559, 86.7309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 171, 237) }
```

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

```
.background{ background-color: rgb(220,  
171, 237) }
```

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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