

Converting Colors

XYZ(59.5918, 55.8903, 65.0674)

Have a look what the booklet for
XYZ(59.5918, 55.8903, 65.0674)
contains.

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Color

**XYZ(59.4099, 55.7476,
64.7559)**

Conversions

Conversions Part 1

Format	Color
Hex	E0BBCC
RGB	224, 187, 204
RGB Percent	88%, 73%, 80%
CMY	0.1216, 0.2666, 0.2000
CMYK	0.00, 0.17, 0.09, 0.12
HSL	332°, 37%, 81%
HSV	332°, 17%, 88%
XYZ	59.4099, 55.7476, 64.7559
YIQ	200.0010, 16.5950, 13.1310

Conversions

Conversions Part 2

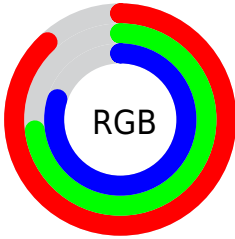
Format	Color
R_{YB}	224, 187, 204
Decimal	14728140
CIE Lab	79.47, 16.00, -3.59
CIE LCh	79, 16.396, 347.360
Yxy	55.7476, 0.3302, 0.3099
Android (android.graphics.Color)	4292918220 (0xFFE0BBCC)
YUV	200.0010, 1.9715, 21.0471
Hunter-Lab	74.6643, 11.3687, 0.8432

Details

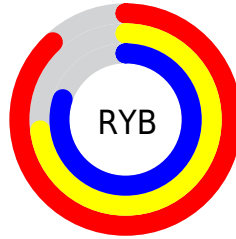
The XYZ color **59.4099, 55.7476, 64.7559** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **58.4139, 68.3826, 69.1552**, and the grayscale version is **54.8828, 57.7410, 62.8799**.

A 20% lighter version of the original color is **91.3406, 92.5812, 107.6635**, and **30.1786, 27.5770, 32.5865** is the 20% darker color. If you saturate the color by 10%, you get **53.6273, 46.4165, 55.9392**, and if you desaturate by 10%, it is **66.0499, 66.6112, 74.4169**.

Distribution



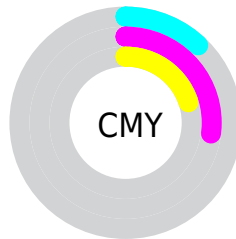
- Red (88%)
- Green (73%)
- Blue (80%)



- Red (88%)
- Yellow (73%)
- Blue (80%)



- Cyan (0%)
- Magenta (17%)
- Yellow (9%)
- Black (12%)





- Cyan (12%)
- Magenta (27%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.4099, 55.7476, 64.7559 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 59.4099, 55.7476, 64.7559 by changing the saturation by 10% instead.

 59.4099, 55.7476,
64.7559

 59.4099, 55.7476,
64.7559


412.2889,
408.7396, 460.1964

 43.1908, 40.0006,
46.8131


 103.0844, 98.6354,
113.3088

 30.2300, 27.5390,
32.5346


131.2705,
126.5451, 144.7559

 20.1622, 17.9784,
21.5020

164.1764,
159.2777, 181.5415

 12.6219, 10.9345,
13.2966

202.1673,
197.2177, 224.0842

 7.2439, 6.0228,
7.5000

245.6087,
240.7495, 272.8025

 3.6628, 2.8590,
3.6936

294.8658,

 1.5132, 1.0585,

290.2575, 328.1150

1.4588

350.3041,
346.1261, 390.4401

■ 0.3348, 0.0000,
0.1869

■ 0.0000, 0.0000,
0.0000

■ 59.4099, 55.7476,
64.7559

■ 59.4099, 55.7476,
64.7559

■ 53.6273, 46.4165,
55.9392

■ 66.0499, 66.6112,
74.4169

■ 48.6604, 38.5410,
47.9384

■ 73.5769, 79.0649,
84.9423

■ 44.4713, 32.0485,
40.7284

■ 82.0251, 93.1726,
96.3559

■ 41.0169, 26.8574,
34.2813

■ 84.1412, 94.4236,
106.2515

■ 38.2496, 22.8772,
28.5672

■ 84.5508, 94.5875,
108.4086

■ 36.1161, 20.0058,
23.5535

■ 34.5542, 18.1240,
19.2041

■ 33.4860, 17.0811,
15.4768

■ 33.1843, 16.8249,
14.3060

Harmonies

Analogous

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



57.7835, 55.7476, 73.8344



59.4099, 55.7476, 64.7559



59.2643, 55.7476, 55.4466

Triad

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



59.4099, 55.7476, 64.7559



51.1190, 55.7476, 44.9808



48.8109, 55.7476, 75.0448

Complementary

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



59.4099, 55.7476, 64.7559



58.4139, 68.3826, 69.1552

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.



47.1683, 55.7476, 66.2744



59.4099, 55.7476, 64.7559



48.4625, 55.7476, 49.2231

Square

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



59.4099, 55.7476, 64.7559



54.3844, 55.7476, 44.6649



47.0435, 55.7476, 56.8164



51.6126, 55.7476, 80.1750

Rectangle

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



59.4099, 55.7476, 64.7559



58.1817, 55.7476, 50.3444



47.0435, 55.7476, 56.8164



48.1100, 55.7476, 72.3856

Sweetspot

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



59.4115, 55.7501, 64.7571



90.0265, 91.6972, 101.8487



56.8847, 54.1522, 77.9760



19.1235, 19.3866, 21.5928



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.



59.4115, 55.7501, 64.7571



76.7574, 70.0155, 82.4531



57.7452, 55.5040, 54.6865



13.9678, 13.8048, 15.6008



19.3721, 9.8158, 8.6252



1.3876, 0.6983, 0.8338

Inverse Universe

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



59.4115, 55.7501, 64.7571



76.7574, 70.0155, 82.4531



60.2752, 68.5987, 80.5858



13.9678, 13.8048, 15.6008



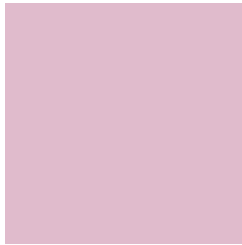
19.3721, 9.8158, 8.6252



1.3876, 0.6983, 0.8338

Previews

White Background



This preview shows how the XYZ color 59.4099, 55.7476, 64.7559 looks on a white background.

Color Contrast Check

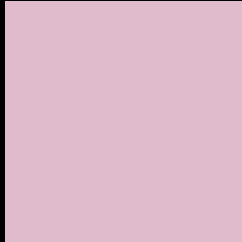
Large Text (above 18pt) WCAG AA × Fail

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 59.4099, 55.7476, 64.7559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

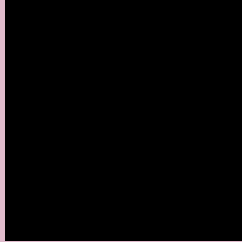
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.4099, 55.7476, 64.7559

Background



This preview shows how black text looks on a background with the XYZ color 59.4099, 55.7476, 64.7559.



This preview shows how white text looks on a background with the XYZ color 59.4099, 55.7476,

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

59.4099, 55.7476, 64.7559

Protanopia

54.2745, 55.9536, 68.2612

Deuteranopia

56.8509, 55.7195, 64.2585



Tritanopia

59.1715, 55.6522, 63.5004

Trichromacy



Original Color

59.4099, 55.7476, 64.7559

Protanomaly

56.0646, 55.9103, 66.8683

Deuteranomaly

57.8082, 55.8904, 64.2410

Tritanomaly

59.2903, 55.6997, 64.1261

Monochromacy



Original Color

59.4099, 55.7476, 64.7559

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

56.3522, 56.8026, 63.2523

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.4099, 55.7476, 64.7559 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(224, 187, 204)` looks like.

```
.text, #text, p{  
    color:rgb(224, 187, 204)  
}
```

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(224, 187, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 187, 204) }
```

Border

The CSS property to change the border of an element to XYZ 59.4099, 55.7476, 64.7559 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(224, 187, 204) }
```


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

```
.border{ border-color:rgb(224, 187, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 187, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 187, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 187, 204);  
box-shadow:4px 4px 4px 4px rgb(224, 187,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 59.4099, 55.7476, 64.7559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 187, 204) }
```

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

```
.background{ background-color: rgb(224,  
187, 204) }
```

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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