

Converting Colors

XYZ(58.9424, 57.1274, 69.7807)

Have a look what the booklet for
XYZ(58.9424, 57.1274, 69.7807)
contains.

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Color

**XYZ(58.9264, 57.0014,
69.5246)**

Conversions

Conversions Part 1

Format	Color
Hex	D8C0D3
RGB	216, 192, 211
RGB Percent	85%, 75%, 83%
CMY	0.1529, 0.2470, 0.1725
CMYK	0.00, 0.11, 0.02, 0.15
HSL	313°, 24%, 80%
HSV	313°, 11%, 85%
XYZ	58.9264, 57.0014, 69.5246
YIQ	201.3420, 8.2050, 10.9970

Conversions

Conversions Part 2

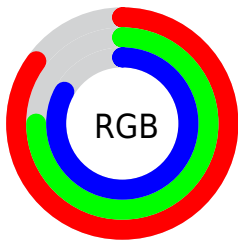
Format	Color
R _Y B	216, 192, 211
Decimal	14205139
CIE Lab	80.18, 11.77, -6.39
CIE LCh	80, 13.398, 331.494
Yxy	57.0014, 0.3177, 0.3074
Android (android.graphics.Color)	4292395219 (0xFFD8C0D3)
YUV	201.3420, 4.7614, 12.8551
Hunter-Lab	75.4993, 7.1937, -1.7486

Details

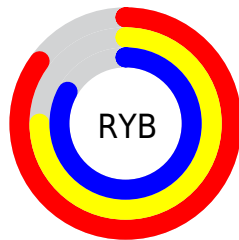
The XYZ color **58.9264, 57.0014, 69.5246** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.3743, 64.3509, 62.2761**, and the grayscale version is **55.6987, 58.5994, 63.8147**.

A 20% lighter version of the original color is **92.8574, 95.6148, 108.1691**, and **29.8722, 28.1883, 35.7647** is the 20% darker color. If you saturate the color by 10%, you get **53.9715, 47.9813, 65.1285**, and if you desaturate by 10%, it is **64.5964, 67.4248, 74.2384**.

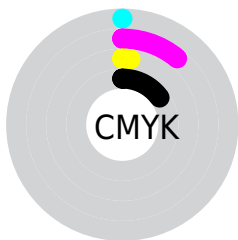
Distribution



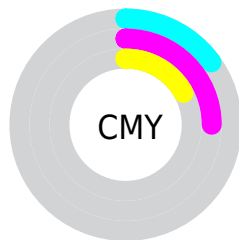
- Red (85%)
- Green (75%)
- Blue (83%)



- Red (85%)
- Yellow (75%)
- Blue (83%)



- Cyan (0%)
- Magenta (11%)
- Yellow (2%)
- Black (15%)



- Cyan (15%)
- Magenta (25%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.9264, 57.0014, 69.5246 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 58.9264, 57.0014, 69.5246 by changing the saturation by 10% instead.

■ 58.9264, 57.0014,
69.5246

■ 58.9264, 57.0014,
69.5246

410.5275,
413.4546, 477.6230

■ 42.8000, 41.0064,
50.6647

■ 102.3859,
100.4672, 120.2053

■ 29.9221, 28.3241,
35.5669

130.4498,
128.7068, 152.8631

■ 19.9272, 18.5701,
23.8129

163.2235,
161.7967, 190.9573

■ 12.4501, 11.3600,
14.9839

201.0724,
200.1213, 234.9065

■ 7.1254, 6.3096,
8.6616

244.3620,
244.0650, 285.1291

■ 3.5877, 3.0342,
4.4274

293.4574,

■ 1.4716, 1.1496,

294.0122, 342.0437

1.8626

348.7242,
350.3472, 406.0688

■ 0.3064, 0.0200,
0.4688

■ 0.0000, 0.0000,
0.0000

■ 58.9264, 57.0014,
69.5246

■ 58.9264, 57.0014,
69.5246

■ 53.9715, 47.9813,
65.1285

■ 64.5964, 67.4248,
74.2384

■ 49.6965, 40.2966,
61.0357

■ 71.0051, 79.3009,
79.2763

■ 46.0704, 33.8850,
57.2359

■ 77.6022, 91.5283,
84.4562

■ 43.0581, 28.6761,
53.7167

■ 78.2227, 91.7765,
87.7236

40.6208, 24.5928,
50.4646

78.8595, 92.0312,
91.0770

38.7154, 21.5491,
47.4645

79.5127, 92.2925,
94.5167

37.2924, 19.4463,
44.6993

80.1824, 92.5604,
98.0436

36.2930, 18.1668,
42.1487

80.8688, 92.8349,
101.6581

35.6693, 17.5391,
40.0304

81.5720, 93.1162,
105.3610

Harmonies

Analogous

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



56.9688, 57.0014, 75.7962



58.9264, 57.0014, 69.5246



59.6005, 57.0014, 61.6733

Triad

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



58.9264, 57.0014, 69.5246



54.0412, 57.0014, 48.2084



49.8215, 57.0014, 70.2601

Complementary

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



58.9264, 57.0014, 69.5246



56.3743, 64.3509, 62.2761

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.



49.0950, 57.0014, 62.4580



58.9264, 57.0014, 69.5246



51.4801, 57.0014, 50.1009

Square

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



58.9264, 57.0014, 69.5246



56.7238, 57.0014, 49.7615



49.6920, 57.0014, 55.1587



51.7098, 57.0014, 76.2454

Rectangle

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



58.9264, 57.0014, 69.5246



59.2140, 57.0014, 56.7143



49.6920, 57.0014, 55.1587



49.4362, 57.0014, 67.7417

Sweetspot

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



58.9281, 57.0039, 69.5258



92.4023, 95.1136, 106.7566



54.2204, 54.5034, 72.6290



19.6300, 20.0857, 22.7293



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.



58.9281, 57.0039, 69.5258



84.2791, 80.2060, 99.9216



57.5025, 56.4337, 62.0192



12.8370, 12.5863, 15.0820



21.1528, 10.3974, 23.9063



1.3043, 0.6385, 1.5920

Inverse Universe

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



58.9281, 57.0039, 69.5258



84.2791, 80.2060, 99.9216



57.7799, 64.9131, 69.6776



12.8370, 12.5863, 15.0820



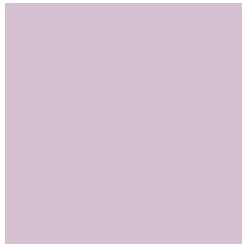
21.1528, 10.3974, 23.9063



1.3043, 0.6385, 1.5920

Previews

White Background



This preview shows how the XYZ color 58.9264, 57.0014, 69.5246 looks on a white background.

Color Contrast Check

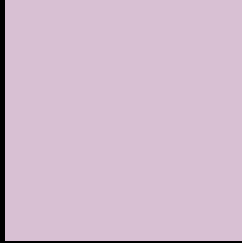
Large Text (above 18pt) WCAG AA × Fail

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 58.9264, 57.0014, 69.5246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

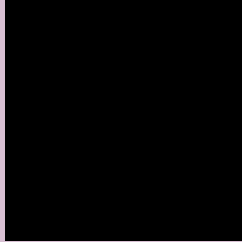
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.9264, 57.0014, 69.5246

Background



This preview shows how black text looks on a background with the XYZ color 58.9264, 57.0014, 69.5246.



This preview shows how white text looks on a background with the XYZ color 58.9264, 57.0014,

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

58.9264, 57.0014, 69.5246

Protanopia

55.6204, 57.2490, 71.7370

Deuteranopia

58.2684, 56.9892, 69.5570



Tritanopia

58.7740, 57.2929, 67.6354

Trichromacy



Original Color

58.9264, 57.0014, 69.5246

Protanomaly

56.9270, 57.2631, 71.0033

Deuteranomaly

58.5594, 57.1392, 69.5706

Tritanomaly

58.8975, 57.3423, 68.2855

Monochromacy



Original Color

58.9264, 57.0014, 69.5246

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

56.6671, 57.9178, 65.9502

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9264, 57.0014, 69.5246 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(216, 192, 211)` looks like.

```
.text, #text, p{  
    color:rgb(216, 192, 211)  
}
```

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(216, 192, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 192, 211) }
```

Border

The CSS property to change the border of an element to XYZ 58.9264, 57.0014, 69.5246 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(216, 192, 211) }
```


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

```
.border{ border-color:rgb(216, 192, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 192, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 192, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 192, 211);  
box-shadow:4px 4px 4px 4px rgb(216, 192,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9264, 57.0014, 69.5246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 192, 211) }
```

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

```
.background{ background-color: rgb(216,  
192, 211) }
```

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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