

Converting Colors

XYZ(58.9324, 59.6247, 72.6926)

Have a look what the booklet for
XYZ(58.9324, 59.6247, 72.6926)
contains.

XYZ(58.9324, 59.6247, 72.6926)	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(58.9324, 59.6247,
72.6926)**

Conversions

Conversions Part 1

Format	Color
Hex	D0C8D7
RGB	208, 200, 215
RGB Percent	82%, 78%, 84%
CMY	0.1843, 0.2157, 0.1569
CMYK	0.03, 0.07, 0.00, 0.16
HSL	272°, 16%, 81%
HSV	272°, 7%, 84%
XYZ	58.9324, 59.6247, 72.6926
YIQ	204.1020, -0.0470, 6.3610

Conversions

Conversions Part 2

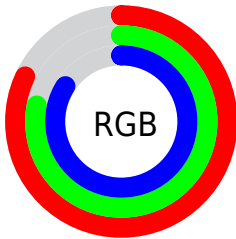
Format	Color
R _Y B	208, 200, 215
Decimal	13682903
CIE Lab	81.63, 5.52, -6.47
CIE LCh	82, 8.504, 310.509
Yxy	59.6247, 0.3081, 0.3118
Android (android.graphics.Color)	4291872983 (0xFFD0C8D7)
YUV	204.1020, 5.3727, 3.4185
Hunter-Lab	77.2170, 1.1022, -1.7641

Details

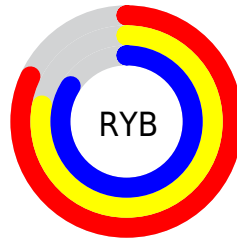
The XYZ color **58.9324, 59.6247, 72.6926** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.4601, 66.0380, 64.2065**, and the grayscale version is **57.4275, 60.4182, 65.7955**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.9505, 29.9659, 37.4631** is the 20% darker color. If you saturate the color by 10%, you get **51.5666, 48.9495, 71.0212**, and if you desaturate by 10%, it is **67.1804, 71.7974, 74.6084**.

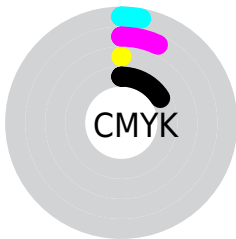
Distribution



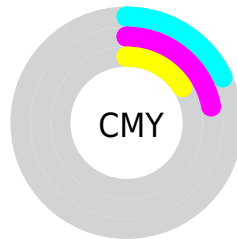
- Red (82%)
- Green (78%)
- Blue (84%)



- Red (82%)
- Yellow (78%)
- Blue (84%)



- Cyan (3%)
- Magenta (7%)
- Yellow (0%)
- Black (16%)



- Cyan (18%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.9324, 59.6247, 72.6926 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 58.9324, 59.6247, 72.6926 by changing the saturation by 10% instead.

■ 58.9324, 59.6247,
72.6926

■ 58.9324, 59.6247,
72.6926

410.5494,
423.2130, 488.9909

■ 42.8049, 43.1162,
53.2344

102.3946,
104.2851, 124.7576

■ 29.9259, 29.9763,
37.6009

130.4600,
133.2057, 158.2014

■ 19.9301, 19.8206,
25.3736

163.2353,
167.0325, 197.1442

■ 12.4522, 12.2647,
16.1341

201.0860,
206.1499, 242.0044

■ 7.1268, 6.9242,
9.4637

244.3774,
250.9423, 293.2006

■ 3.5886, 3.4148,
4.9439

293.4749,

■ 1.4721, 1.3519,

301.7940, 351.1514

2.1562

348.7438,
359.0894, 416.2754

■ 0.3068, 0.1809,
0.6489

■ 0.0000, 0.0000,
0.0000

■ 58.9324, 59.6247,
72.6926

■ 58.9324, 59.6247,
72.6926

■ 51.5666, 48.9495,
71.0212

■ 67.1804, 71.7974,
74.6084

■ 45.0456, 39.7044,
69.5804

■ 76.3359, 85.5164,
76.7738

■ 39.3364, 31.8280,
68.3610

■ 83.3221, 94.6222,
78.1632

■ 34.4023, 25.2514,
67.3517

■ 86.7882, 96.4091,
78.3254

■ 30.2028, 19.8996,
66.5400

■ 89.2659, 97.6864,
78.4414

■ 26.6939, 15.6895,
65.9123

■ 23.8258, 12.5276,
65.4532

■ 21.5409, 10.3044,
65.1445

■ 19.7646, 8.8769,
64.9626

Harmonies

Analogous

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



57.3004, 59.6247, 75.0833



58.9324, 59.6247, 72.6926



59.9721, 59.6247, 68.2597

Triad

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



58.9324, 59.6247, 72.6926



57.8255, 59.6247, 56.0810



53.3604, 59.6247, 66.7321

Complementary

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



58.9324, 59.6247, 72.6926



60.4601, 66.0380, 64.2065

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.



53.4943, 59.6247, 61.6933



58.9324, 59.6247, 72.6926



56.0472, 59.6247, 55.7200

Square

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



58.9324, 59.6247, 72.6926



59.3238, 59.6247, 58.7377



54.4692, 59.6247, 57.7243



54.0995, 59.6247, 71.5240

Rectangle

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



58.9324, 59.6247, 72.6926



60.1766, 59.6247, 64.8339



54.4692, 59.6247, 57.7243



53.3052, 59.6247, 65.0085

Sweetspot

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



58.9341, 59.6272, 72.6939



92.5742, 96.3404, 108.3241



58.4608, 61.9348, 73.1642



19.8407, 20.6592, 23.1918



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.



58.9341, 59.6272, 72.6939



85.4671, 85.9064, 106.6847



60.9139, 60.6516, 72.6190



12.3686, 12.3314, 15.6658



11.6610, 5.1640, 38.8353



0.7985, 0.3605, 2.3468

Inverse Universe

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



59.9432, 60.2633, 67.5071



87.1816, 86.9869, 97.8803



58.5766, 65.0636, 64.2710



12.6621, 12.5163, 14.1606



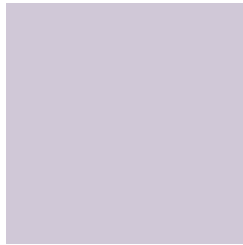
18.2006, 9.2165, 8.3601



1.1394, 0.5725, 0.7233

Previews

White Background



This preview shows how the XYZ color 58.9324, 59.6247, 72.6926 looks on a white background.

Color Contrast Check

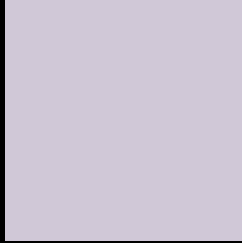
Large Text (above 18pt) WCAG AA × Fail

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 58.9324, 59.6247, 72.6926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

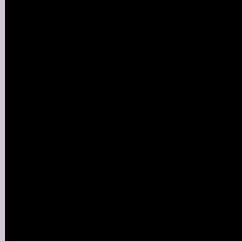
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

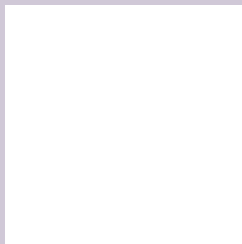
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.9324, 59.6247, 72.6926

Background



This preview shows how black text looks on a background with the XYZ color 58.9324, 59.6247, 72.6926.

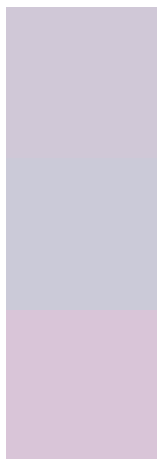


This preview shows how white text looks on a background with the XYZ color 58.9324, 59.6247,

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

58.9324, 59.6247, 72.6926

Protanopia

58.1438, 59.8954, 73.4622

Deuteranopia

60.9762, 59.6421, 73.2640



Tritanopia

59.0614, 59.6763, 73.3716

Trichromacy



Original Color

58.9324, 59.6247, 72.6926

Protanomaly

58.4582, 59.7103, 73.4099

Deuteranomaly

60.3203, 59.6422, 73.2986

Tritanomaly

59.0614, 59.6763, 73.3716

Monochromacy



Original Color

58.9324, 59.6247, 72.6926

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.9179, 60.2451, 68.2504

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9324, 59.6247, 72.6926 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(208, 200, 215) looks like.

```
.text, #text, p{  
    color:rgb(208, 200, 215)  
}
```

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(208, 200, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 200, 215) }
```

Border

The CSS property to change the border of an element to XYZ 58.9324, 59.6247, 72.6926 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(208, 200, 215) }
```


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

```
.border{ border-color:rgb(208, 200, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 200, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 200, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 200, 215);  
box-shadow:4px 4px 4px 4px rgb(208, 200,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9324, 59.6247, 72.6926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 200, 215) }
```

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

```
.background{ background-color: rgb(208,  
200, 215) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor