

Converting Colors

XYZ(57.5741, 59.5946, 62.4413)

Have a look what the booklet for
XYZ(57.5741, 59.5946, 62.4413)
contains.

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Color

**XYZ(57.4899, 59.4521,
62.4782)**

Conversions

Conversions Part 1

Format	Color
Hex	D1C9C7
RGB	209, 201, 199
RGB Percent	82%, 79%, 78%
CMY	0.1804, 0.2117, 0.2196
CMYK	0.00, 0.04, 0.05, 0.18
HSL	12°, 10%, 80%
HSV	12°, 5%, 82%
XYZ	57.4899, 59.4521, 62.4782
YIQ	203.1640, 5.4100, 1.0740

Conversions

Conversions Part 2

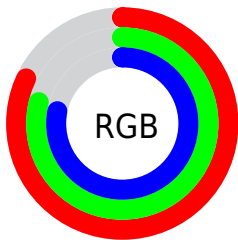
Format	Color
R _Y B	209, 202, 199
Decimal	13748679
CIE Lab	81.54, 2.42, 1.98
CIE LCh	82, 3.126, 39.201
Yxy	59.4521, 0.3204, 0.3314
Android (android.graphics.Color)	4291938759 (0xFFD1C9C7)
YUV	203.1640, -2.0529, 5.1182
Hunter-Lab	77.1052, -1.8438, 5.9310

Details

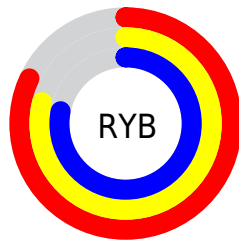
The XYZ color **57.4899, 59.4521, 62.4782** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.3745, 61.3702, 69.1439**, and the grayscale version is **56.8792, 59.8414, 65.1673**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.0621, 29.8803, 31.0238** is the 20% darker color. If you saturate the color by 10%, you get **51.5422, 51.1766, 49.3344**, and if you desaturate by 10%, it is **64.1982, 68.7139, 77.5213**.

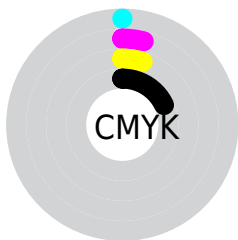
Distribution



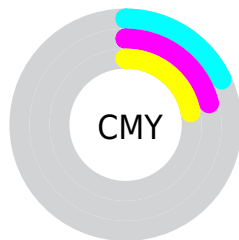
- Red (82%)
- Green (79%)
- Blue (78%)



- Red (82%)
- Yellow (79%)
- Blue (78%)



- Cyan (0%)
- Magenta (4%)
- Yellow (5%)
- Black (18%)



- Cyan (18%)
- Magenta (21%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.4899, 59.4521, 62.4782 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 57.4899, 59.4521, 62.4782 by changing the saturation by 10% instead.

■ 57.4899, 59.4521,
62.4782

■ 57.4899, 59.4521,
62.4782

405.2671,
422.5753, 451.7290

■ 41.6404, 42.9772,
44.9809

100.3069,
104.0345, 109.9947

■ 29.0097, 29.8672,
31.0996

128.0051,
132.9107, 140.8509

■ 19.2325, 19.7378,
20.4156

160.3835,
166.6894, 176.9973

■ 11.9434, 12.2046,
12.5104

197.8076,
205.7551, 218.8522

■ 6.7770, 6.8832,
6.9656

240.6426,
250.4922, 266.8343

■ 3.3681, 3.3891,
3.3624

289.2540,

■ 1.3513, 1.3381,

301.2850, 321.3621

1.2825

344.0070,
358.5179, 382.8542

■ 0.2211, 0.1704,
0.0474

■ 0.0000, 0.0000,
0.0000

■ 57.4899, 59.4521,
62.4782

■ 57.4899, 59.4521,
62.4782

■ 51.5422, 51.1766,
49.3344

■ 64.1982, 68.7139,
77.5213

■ 46.3230, 43.8472,
38.0103

■ 71.6877, 78.9852,
94.5311

■ 41.8055, 37.4323,
28.4267

■ 78.8864, 89.8587,
107.7944

■ 37.9590, 31.8957,
20.4968

■ 80.1048, 92.2955,
108.2006

■ 34.7508, 27.1987,
14.1262

■ 32.1450, 23.2997,
9.2113

■ 30.1023, 20.1533,
5.6356

■ 28.5782, 17.7095,
3.2644

■ 27.5208, 15.9117,
1.9344

Harmonies

Analogous

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



57.7609, 59.4521, 64.1577



57.4899, 59.4521, 62.4782



56.9562, 59.4521, 61.4167

Triad

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



57.4899, 59.4521, 62.4782



55.3372, 59.4521, 63.4598



56.7092, 59.4521, 68.3626

Complementary

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



57.4899, 59.4521, 62.4782



57.3745, 61.3702, 69.1439

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.



56.0610, 59.4521, 68.1670



57.4899, 59.4521, 62.4782



55.2722, 59.4521, 65.3122

Square

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



57.4899, 59.4521, 62.4782



55.7145, 59.4521, 61.9758



55.5362, 59.4521, 67.0419



57.3079, 59.4521, 67.5713

Rectangle

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



57.4899, 59.4521, 62.4782



56.5250, 59.4521, 61.1902



55.5362, 59.4521, 67.0419



56.4899, 59.4521, 68.4105

Sweetspot

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



57.4916, 59.4547, 62.4795



93.9951, 98.5427, 106.5364



57.9812, 58.9080, 67.3466



20.1299, 21.1076, 22.8281



0.0000, 0.0000, 0.0000



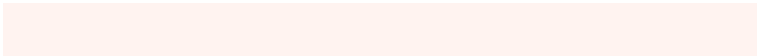
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.4916, 59.4547, 62.4795



88.9041, 91.4944, 95.1791



58.6753, 61.8222, 62.8741



12.3747, 12.7100, 13.1670



16.7765, 9.4860, 0.9468



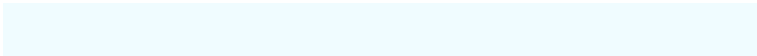
0.9952, 0.6448, 0.0720

Inverse Universe

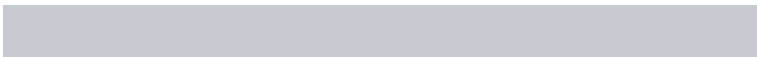
The Inverse Universe completely reimagines the original color for something new.



57.3745, 61.3702, 69.1439



88.6732, 95.2724, 108.3236



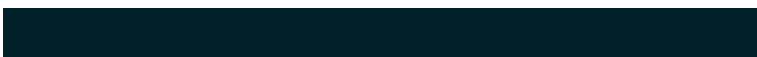
56.1832, 58.9875, 68.7468



12.3398, 13.2820, 15.1570



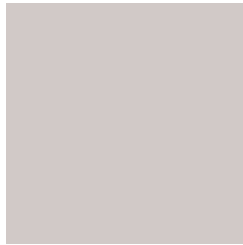
15.7011, 20.0488, 40.2348



0.9303, 1.2257, 2.2671

Previews

White Background



This preview shows how the XYZ color 57.4899, 59.4521, 62.4782 looks on a white background.

Color Contrast Check

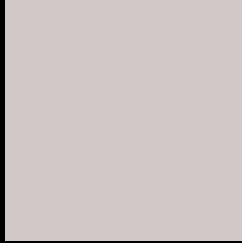
Large Text (above 18pt) WCAG AA × Fail

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 57.4899, 59.4521, 62.4782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

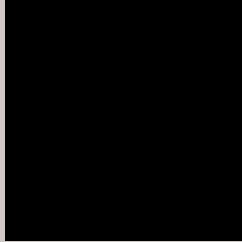
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

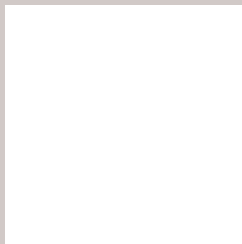
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.4899, 59.4521, 62.4782

Background



This preview shows how black text looks on a background with the XYZ color 57.4899, 59.4521, 62.4782.

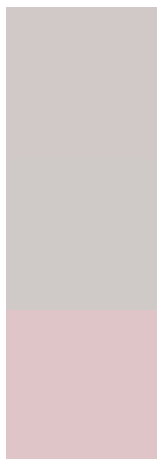


This preview shows how white text looks on a background with the XYZ color 57.4899, 59.4521,

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

57.4899, 59.4521, 62.4782

Protanopia

57.1615, 59.6300, 62.5298

Deuteranopia

60.5967, 59.3380, 62.9032



Tritanopia

59.4250, 59.5508, 71.9807

Trichromacy



Original Color

57.4899, 59.4521, 62.4782

Protanomaly

57.4418, 59.7745, 62.5430

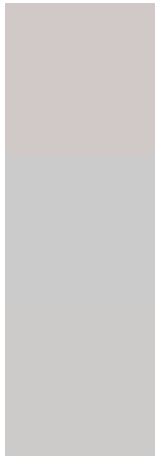
Deuteranomaly

59.5329, 59.4637, 62.9835

Tritanomaly

58.7412, 59.6136, 68.7322

Monochromacy



Original Color

57.4899, 59.4521, 62.4782

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.9580, 59.4845, 64.3568

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4899, 59.4521, 62.4782 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(209, 201, 199) looks like.

```
.text, #text, p{  
    color:rgb(209, 201, 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(209, 201, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 201, 199) }
```

Border

The CSS property to change the border of an element to XYZ 57.4899, 59.4521, 62.4782 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(209, 201, 199) }
```


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

```
.border{ border-color:rgb(209, 201, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 201, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 201, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 201, 199);  
box-shadow:4px 4px 4px 4px rgb(209, 201,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4899, 59.4521, 62.4782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 201, 199) }
```

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

```
.background{ background-color: rgb(209,  
201, 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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