

Converting Colors

XYZ(58.9785, 59.8099, 65.4726)

Have a look what the booklet for
XYZ(58.9785, 59.8099, 65.4726)
contains.

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Color

**XYZ(58.9939, 59.8143,
65.5627)**

Conversions

Conversions Part 1

Format	Color
Hex	D5C8CC
RGB	213, 200, 204
RGB Percent	84%, 78%, 80%
CMY	0.1647, 0.2157, 0.2000
CMYK	0.00, 0.06, 0.04, 0.16
HSL	342°, 13%, 81%
HSV	342°, 6%, 84%
XYZ	58.9939, 59.8143, 65.5627
YIQ	204.3430, 6.4640, 4.0000

Conversions

Conversions Part 2

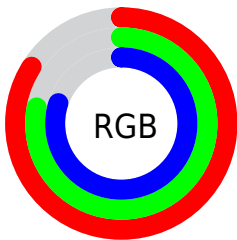
Format	Color
R _Y B	213, 200, 204
Decimal	14010572
CIE Lab	81.74, 5.23, -0.37
CIE LCh	82, 5.240, 355.902
Yxy	59.8143, 0.3200, 0.3244
Android (android.graphics.Color)	4292200652 (0xFFD5C8CC)
YUV	204.3430, -0.1691, 7.5922
Hunter-Lab	77.3397, 0.8134, 3.8763

Details

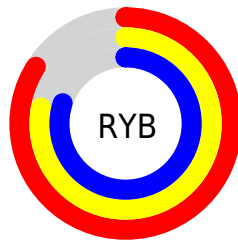
The XYZ color **58.9939, 59.8143, 65.5627** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.1245, 64.4728, 69.6531**, and the grayscale version is **57.6110, 60.6113, 66.0057**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.8845, 30.0289, 33.0752** is the 20% darker color. If you saturate the color by 10%, you get **52.7145, 49.9534, 55.1507**, and if you desaturate by 10%, it is **66.1315, 71.1219, 77.0890**.

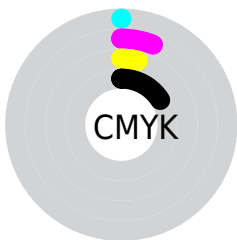
Distribution



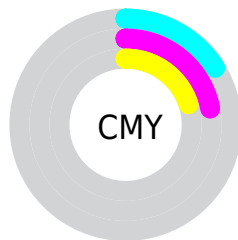
- Red (84%)
- Green (78%)
- Blue (80%)



- Red (84%)
- Yellow (78%)
- Blue (80%)



- Cyan (0%)
- Magenta (6%)
- Yellow (4%)
- Black (16%)



- Cyan (16%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.9939, 59.8143, 65.5627 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 58.9939, 59.8143, 65.5627 by changing the saturation by 10% instead.

■ 58.9939, 59.8143,
65.5627

■ 58.9939, 59.8143,
65.5627

410.7737,
423.9129, 463.1728

■ 42.8546, 43.2690,
47.4633

102.4835,
104.5602, 114.4795

■ 29.9650, 30.0962,
33.0451

130.5644,
133.5296, 146.1339

■ 19.9600, 19.9116,
21.8896

163.3566,
167.4092, 183.1437

■ 12.4741, 12.3308,
13.5782

201.2254,
206.5833, 225.9275

■ 7.1419, 6.9694,
7.6925

244.5362,
251.4363, 274.9037

■ 3.5981, 3.4430,
3.8139

293.6542,

■ 1.4774, 1.3671,

302.3527, 330.4910

1.5238

348.9450,
359.7167, 393.1078

■ 0.3104, 0.1923,
0.2356

■ 0.0000, 0.0000,
0.0000

■ 58.9939, 59.8143,
65.5627

■ 58.9939, 59.8143,
65.5627

■ 52.7145, 49.9534,
55.1507

■ 66.1315, 71.1219,
77.0890

■ 47.2554, 41.4730,
45.8152

■ 74.1533, 83.9234,
89.7579

■ 42.5831, 34.3135,
37.5220

■ 80.1834, 92.4593,
102.6327

■ 38.6602, 28.4076,
30.2336

■ 81.2509, 92.8863,
108.2542

■ 35.4457, 23.6823,
23.9099

■ 32.8948, 20.0568,
18.5082

■ 30.9572, 17.4403,
13.9821

■ 29.5749, 15.7268,
10.2805

■ 28.6763, 14.7847,
7.3454

Harmonies

Analogous

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



58.6264, 59.8143, 68.5931



58.9939, 59.8143, 65.5627



58.7813, 59.8143, 62.5096

Triad

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



58.9939, 59.8143, 65.5627



55.9301, 59.8143, 59.8142



55.6708, 59.8143, 70.2890

Complementary

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



58.9939, 59.8143, 65.5627



59.1245, 64.4728, 69.6531

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.



54.9648, 59.8143, 67.8177



58.9939, 59.8143, 65.5627



55.1131, 59.8143, 61.7808

Square

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



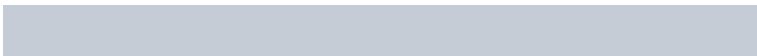
58.9939, 59.8143, 65.5627



57.0034, 59.8143, 59.2540



54.7620, 59.8143, 64.6944



56.7002, 59.8143, 71.3771

Rectangle

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



58.9939, 59.8143, 65.5627



58.3407, 59.8143, 60.8614



54.7620, 59.8143, 64.6944



55.3883, 59.8143, 69.5886

Sweetspot

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



58.9956, 59.8169, 65.5640



92.8811, 96.5637, 105.3976



58.9280, 59.6537, 71.3600



19.9031, 20.7046, 22.5962



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.



58.9956, 59.8169, 65.5640



87.6908, 88.3645, 96.9426



59.0784, 60.7399, 63.2569



12.8502, 12.9101, 14.1694



17.3939, 8.8939, 4.1124



1.0858, 0.5511, 0.4412

Inverse Universe

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



58.9956, 59.8169, 65.5640



87.6908, 88.3645, 96.9426



59.0308, 63.4834, 72.0938



12.8502, 12.9101, 14.1694



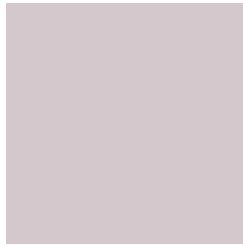
17.3939, 8.8939, 4.1124



1.0858, 0.5511, 0.4412

Previews

White Background



This preview shows how the XYZ color 58.9939, 59.8143, 65.5627 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 58.9939, 59.8143, 65.5627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

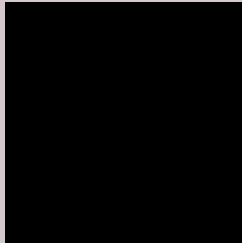
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

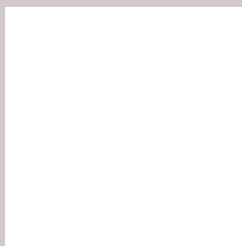
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.9939, 59.8143, 65.5627

Background



This preview shows how black text looks on a background with the XYZ color 58.9939, 59.8143, 65.5627.



This preview shows how white text looks on a background with the XYZ color 58.9939, 59.8143,

65.5627.

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

58.9939, 59.8143, 65.5627

Protanopia

57.5936, 59.7706, 66.2590

Deuteranopia

61.1099, 59.8699, 66.0928



Tritanopia

60.0632, 59.5393, 71.9449

Trichromacy



Original Color

58.9939, 59.8143, 65.5627

Protanomaly

58.2006, 59.7364, 66.2204

Deuteranomaly

60.4269, 59.8560, 66.1261

Tritanomaly

59.7878, 59.7961, 69.3634

Monochromacy



Original Color

58.9939, 59.8143, 65.5627

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.9871, 60.3369, 65.7167

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9939, 59.8143, 65.5627 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(213, 200, 204) looks like.

```
.text, #text, p{  
    color:rgb(213, 200, 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(213, 200, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 200, 204) }
```

Border

The CSS property to change the border of an element to XYZ 58.9939, 59.8143, 65.5627 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(213, 200, 204) }
```


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

```
.border{ border-color:rgb(213, 200, 204) }
```

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

Here you see how a box with a 4 pixel rgb(213, 200, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 200, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 200, 204);  
box-shadow:4px 4px 4px 4px rgb(213, 200,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9939, 59.8143, 65.5627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 200, 204) }
```

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

```
.background{ background-color: rgb(213,  
200, 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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