

Converting Colors

XYZ(59.3503, 58.1342, 73.0587)

Have a look what the booklet for
XYZ(59.3503, 58.1342, 73.0587)
contains.

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Color

**XYZ(59.3503, 58.1342,
73.0587)**

Conversions

Conversions Part 1

Format	Color
Hex	D5C3D8
RGB	213, 195, 216
RGB Percent	84%, 76%, 85%
CMY	0.1647, 0.2353, 0.1529
CMYK	0.01, 0.10, 0.00, 0.15
HSL	291°, 21%, 81%
HSV	291°, 10%, 85%
XYZ	59.3503, 58.1342, 73.0587
YIQ	202.7760, 3.9870, 10.3470

Conversions

Conversions Part 2

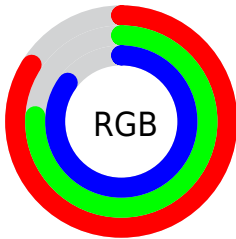
Format	Color
R _Y B	213, 195, 216
Decimal	14009304
CIE Lab	80.81, 10.07, -8.17
CIE LCh	81, 12.966, 320.924
Yxy	58.1342, 0.3115, 0.3051
Android (android.graphics.Color)	4292199384 (0xFFD5C3D8)
YUV	202.7760, 6.5194, 8.9664
Hunter-Lab	76.2458, 5.5156, -3.4396

Details

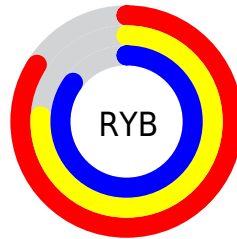
The XYZ color **59.3503, 58.1342, 73.0587** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.6971, 65.0592, 61.1494**, and the grayscale version is **56.5843, 59.5311, 64.8294**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **30.0584, 28.8921, 37.7107** is the 20% darker color. If you saturate the color by 10%, you get **53.9703, 48.6897, 71.5202**, and if you desaturate by 10%, it is **65.4508, 68.9926, 74.8339**.

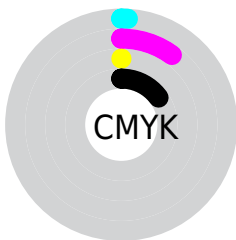
Distribution



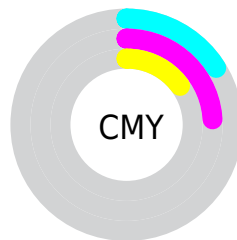
- Red (84%)
- Green (76%)
- Blue (85%)



- Red (84%)
- Yellow (76%)
- Blue (85%)



- Cyan (1%)
- Magenta (10%)
- Yellow (0%)
- Black (15%)



- Cyan (16%)
- Magenta (24%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.3503, 58.1342, 73.0587 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 59.3503, 58.1342, 73.0587 by changing the saturation by 10% instead.

■ 59.3503, 58.1342,
73.0587

■ 59.3503, 58.1342,
73.0587

412.0721,
417.6858, 490.2945

■ 43.1426, 41.9165,
53.5318

■ 102.9983,
102.1183, 125.2822

■ 30.1920, 29.0360,
37.8369

131.1694,
130.6535, 158.8160

■ 20.1332, 19.1080,
25.5553

164.0590,
164.0633, 197.8558

■ 12.6007, 11.7484,
16.2685

202.0325,
202.7322, 242.8202

■ 7.2293, 6.5726,
9.5579

245.4551,
247.0444, 294.1277

■ 3.6535, 3.1963,
5.0051

294.6924,

■ 1.5080, 1.2350,

297.3845, 352.1969

2.1915

350.1096,
354.1369, 417.4463

■ 0.3313, 0.0900,
0.6694

■ 0.0000, 0.0000,
0.0000

■ 59.3503, 58.1342,
73.0587

■ 59.3503, 58.1342,
73.0587

■ 53.9703, 48.6897,
71.5202

■ 65.4508, 68.9926,
74.8339

■ 49.2757, 40.5918,
70.2045

■ 72.2949, 81.3136,
76.8514

■ 45.2360, 33.7787,
69.1024

■ 78.3588, 92.0487,
78.6039

■ 41.8164, 28.1809,
68.2021

■ 79.3143, 92.5412,
78.6486

38.9788, 23.7224,
67.4911

80.2873, 93.0428,
78.6941

36.6808, 20.3185,
66.9552

81.2777, 93.5534,
78.7405

34.8741, 17.8726,
66.5783

82.2857, 94.0730,
78.7876

33.5013, 16.2704,
66.3414

83.3114, 94.6018,
78.8356

32.4631, 15.3133,
66.2114

84.3548, 95.1397,
78.8845

Harmonies

Analogous

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



57.1146, 58.1342, 78.0995



59.3503, 58.1342, 73.0587



60.4983, 58.1342, 65.6536

Triad

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



59.3503, 58.1342, 73.0587



56.0712, 58.1342, 49.8214



50.5824, 58.1342, 68.7135

Complementary

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



59.3503, 58.1342, 73.0587



57.6971, 65.0592, 61.1494

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.



50.3234, 58.1342, 60.9999



59.3503, 58.1342, 73.0587



53.4358, 58.1342, 50.4962

Square

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



59.3503, 58.1342, 73.0587



58.5653, 58.1342, 52.5241



51.3522, 58.1342, 54.4483



52.0715, 58.1342, 75.4534

Rectangle

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



59.3503, 58.1342, 73.0587



60.4677, 58.1342, 60.5439



51.3522, 58.1342, 54.4483



50.3505, 58.1342, 66.1349

Sweetspot

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



59.3520, 58.1367, 73.0600



92.2569, 95.0091, 108.0839



55.1312, 57.0195, 73.0668



19.5906, 20.0574, 23.0889



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.



59.3520, 58.1367, 73.0600



84.4630, 81.1867, 105.8267



59.3012, 58.2178, 68.2080



12.7705, 12.5386, 15.6846



19.2685, 9.0858, 39.1913



1.2111, 0.5732, 2.3661

Inverse Universe

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



58.0291, 57.7090, 61.5096



82.1144, 80.4310, 85.1590



57.7658, 64.9962, 65.5979



12.4948, 12.4494, 13.2800



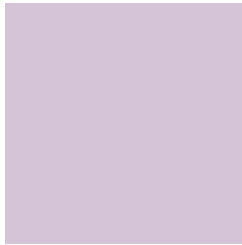
16.9311, 8.7088, 1.6754



1.0449, 0.5348, 0.2260

Previews

White Background



This preview shows how the XYZ color 59.3503, 58.1342, 73.0587 looks on a white background.

Color Contrast Check

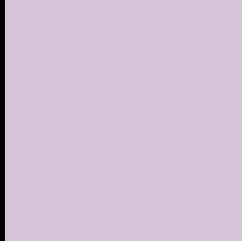
Large Text (above 18pt) WCAG AA × Fail

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 59.3503, 58.1342, 73.0587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

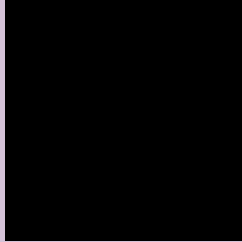
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.3503, 58.1342, 73.0587

Background



This preview shows how black text looks on a background with the XYZ color 59.3503, 58.1342, 73.0587.



This preview shows how white text looks on a background with the XYZ color 59.3503, 58.1342,

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

59.3503, 58.1342, 73.0587

Protanopia

56.7628, 58.1034, 75.2412

Deuteranopia

59.3503, 58.1342, 73.0587



Tritanopia

58.6492, 58.1801, 69.7667

Trichromacy



Original Color

59.3503, 58.1342, 73.0587

Protanomaly

57.7508, 58.2875, 74.5365

Deuteranomaly

59.3503, 58.1342, 73.0587

Tritanomaly

58.9015, 58.2810, 71.0957

Monochromacy



Original Color

59.3503, 58.1342, 73.0587

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.7716, 59.1280, 68.0425

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3503, 58.1342, 73.0587 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, 195, 216)` looks like.

```
.text, #text, p{  
    color:rgb(213, 195, 216)  
}
```

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, 195, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 195, 216) }
```

Border

The CSS property to change the border of an element to XYZ 59.3503, 58.1342, 73.0587 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, 195, 216) }
```


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

```
.border{ border-color:rgb(213, 195, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 195, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 195, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 195, 216); box-shadow:4px 4px 4px 4px rgb(213, 195, 216) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3503, 58.1342, 73.0587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 195, 216) }
```

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

```
.background{ background-color: rgb(213,  
195, 216) }
```

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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