

Converting Colors

XYZ(57.3637, 53.8676, 72.1170)

Have a look what the booklet for
XYZ(57.3637, 53.8676, 72.1170)
contains.

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Color

**XYZ(57.4752, 53.9519,
72.3502)**

Conversions

Conversions Part 1

Format	Color
Hex	D6B9D8
RGB	214, 185, 216
RGB Percent	84%, 73%, 85%
CMY	0.1608, 0.2745, 0.1529
CMYK	0.01, 0.14, 0.00, 0.15
HSL	296°, 28%, 79%
HSV	296°, 14%, 85%
XYZ	57.4752, 53.9519, 72.3502
YIQ	197.2050, 7.3330, 15.7890

Conversions

Conversions Part 2

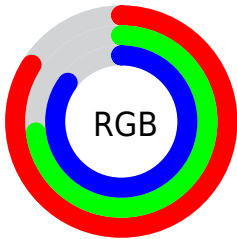
Format	Color
R_{YB}	214, 185, 216
Decimal	14072280
CIE _{Lab}	78.43, 15.77, -11.71
CIE _{LCh}	78, 19.644, 323.416
Yxy	53.9519, 0.3127, 0.2936
Android (android.graphics.Color)	4292262360 (0xFFD6B9D8)
YUV	197.2050, 9.2659, 14.7292
Hunter-Lab	73.4520, 11.1330, -6.9843

Details

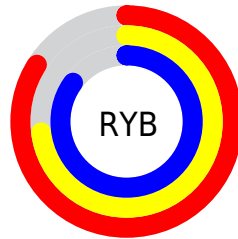
The XYZ color **57.4752, 53.9519, 72.3502** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **53.8082, 63.1806, 55.2607**, and the grayscale version is **53.1387, 55.9061, 60.8817**.

A 20% lighter version of the original color is **90.7453, 91.3906, 107.4651**, and **28.9824, 26.4467, 37.2954** is the 20% darker color. If you saturate the color by 10%, you get **52.8910, 45.3839, 70.9388**, and if you desaturate by 10%, it is **62.7525, 63.8993, 73.9929**.

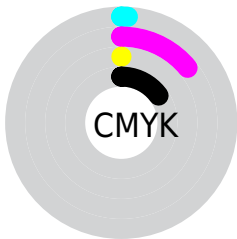
Distribution



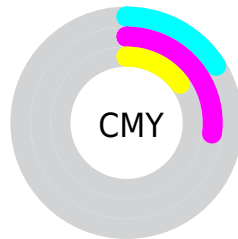
- Red (84%)
- Green (73%)
- Blue (85%)



- Red (84%)
- Yellow (73%)
- Blue (85%)



- Cyan (1%)
- Magenta (14%)
- Yellow (0%)
- Black (15%)



- Cyan (16%)
- Magenta (27%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.4752, 53.9519, 72.3502 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 57.4752, 53.9519, 72.3502 by changing the saturation by 10% instead.

■ 57.4752, 53.9519,
72.3502

■ 57.4752, 53.9519,
72.3502

405.2130,
401.9266, 487.7699

■ 41.6285, 38.5632,
52.9562

■ 100.2856, 96.0036,
124.2666

■ 29.0004, 26.4201,
37.3803

127.9800,
123.4354, 157.6262

■ 19.2254, 17.1382,
25.2040

160.3544,
155.6504, 196.4780

■ 11.9382, 10.3331,
16.0087

197.7741,
193.0329, 241.2406

■ 6.7735, 5.6203,
9.3759

240.6044,
235.9674, 292.3325

■ 3.3659, 2.6156,
4.8870

289.2108,

■ 1.3501, 0.9345,

284.8383, 350.1724

2.1235

343.9585,
340.0299, 415.1786

■ 0.2202, 0.0000,
0.6297

■ 0.0000, 0.0000,
0.0000

■ 57.4752, 53.9519,
72.3502

■ 57.4752, 53.9519,
72.3502

■ 52.8910, 45.3839,
70.9388

■ 62.7525, 63.8993,
73.9929

■ 48.9643, 38.1265,
69.7450

■ 68.7471, 75.2769,
75.8731

■ 45.6634, 32.1155,
68.7587

■ 75.4877, 88.1415,
78.0009

■ 42.9522, 27.2789,
67.9680

■ 77.5416, 91.6274,
78.5655

40.7908, 23.5367,
67.3596

77.9640, 91.8451,
78.5853

39.1344, 20.7994,
66.9186

78.3900, 92.0647,
78.6052

37.9311, 18.9632,
66.6276

78.8195, 92.2861,
78.6253

37.1178, 17.9019,
66.4656

79.2525, 92.5094,
78.6456

36.7702, 17.5239,
66.4110

79.6891, 92.7344,
78.6660

Harmonies

Analogous

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



54.2870, 53.9519, 80.4959



57.4752, 53.9519, 72.3502



59.0142, 53.9519, 61.2165

Triad

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



57.4752, 53.9519, 72.3502



52.1357, 53.9519, 40.0526



44.7641, 53.9519, 67.6057

Complementary

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



57.4752, 53.9519, 72.3502



53.8082, 63.1806, 55.2607

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.



44.2523, 53.9519, 56.3399



57.4752, 53.9519, 72.3502



48.3855, 53.9519, 41.3134

Square

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



57.4752, 53.9519, 72.3502



55.8331, 53.9519, 43.2717



45.5462, 53.9519, 46.9612



46.9808, 53.9519, 77.5253

Rectangle

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



57.4752, 53.9519, 72.3502



58.8457, 53.9519, 53.9481



45.5462, 53.9519, 46.9612



44.3917, 53.9519, 63.8170

Sweetspot

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



57.4768, 53.9542, 72.3514



91.6403, 93.5393, 107.8327



50.1890, 50.8437, 72.1351



19.4816, 19.7694, 23.0390



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.



57.4768, 53.9542, 72.3514



81.7247, 74.8656, 104.7509



56.3974, 53.5903, 63.6027



12.8703, 12.5900, 15.6893



21.7994, 10.3905, 39.3098



1.3392, 0.6393, 2.3721

Inverse Universe

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



54.6393, 52.8871, 54.3445



76.8908, 73.0500, 73.9651



54.8084, 63.5246, 63.0632



12.4554, 12.4337, 13.0725



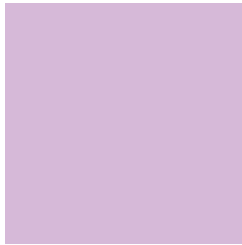
16.8225, 8.6653, 1.1032



1.0263, 0.5273, 0.1280

Previews

White Background



This preview shows how the XYZ color 57.4752, 53.9519, 72.3502 looks on a white background.

Color Contrast Check

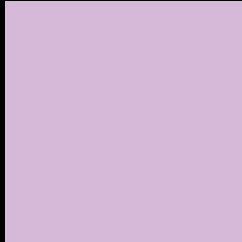
Large Text (above 18pt) WCAG AA × Fail

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 57.4752, 53.9519, 72.3502 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 57.4752, 53.9519, 72.3502

Background



This preview shows how black text looks on a background with the XYZ color 57.4752, 53.9519, 72.3502.



This preview shows how white text looks on a background with the XYZ color 57.4752, 53.9519,

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

57.4752, 53.9519, 72.3502

Protanopia

53.3563, 54.3075, 76.0768

Deuteranopia

55.0919, 53.9980, 71.8090



Tritanopia

55.5824, 53.8020, 63.3324

Trichromacy



Original Color

57.4752, 53.9519, 72.3502

Protanomaly

54.7528, 54.0835, 74.5712

Deuteranomaly

55.9811, 54.1381, 71.7892

Tritanomaly

56.2620, 53.7689, 66.4446

Monochromacy



Original Color

57.4752, 53.9519, 72.3502

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

54.5976, 55.1961, 64.9030

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4752, 53.9519, 72.3502 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(214, 185, 216) looks like.

```
.text, #text, p{  
    color:rgb(214, 185, 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(214, 185, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 185, 216) }
```

Border

The CSS property to change the border of an element to XYZ 57.4752, 53.9519, 72.3502 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(214, 185, 216) }
```


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

```
.border{ border-color:rgb(214, 185, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 185, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 185, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 185, 216);  
box-shadow:4px 4px 4px 4px rgb(214, 185,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4752, 53.9519, 72.3502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 185, 216) }
```

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

```
.background{ background-color: rgb(214,  
185, 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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