

Converting Colors

XYZ(57.0732, 51.3594, 70.5236)

Have a look what the booklet for XYZ(57.0732, 51.3594, 70.5236) contains.

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Color

**XYZ(57.0732, 51.3594,
70.5236)**

Conversions

Conversions Part 1

Format	Color
Hex	DBB1D6
RGB	219, 177, 214
RGB Percent	86%, 69%, 84%
CMY	0.1412, 0.3059, 0.1608
CMYK	0.00, 0.19, 0.02, 0.14
HSL	307°, 37%, 78%
HSV	307°, 19%, 86%
XYZ	57.0732, 51.3594, 70.5236
YIQ	193.7760, 13.1550, 20.4110

Conversions

Conversions Part 2

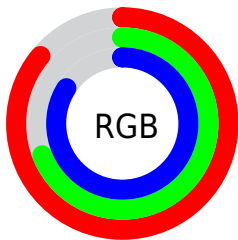
Format	Color
R _Y B	219, 177, 214
Decimal	14397910
CIE Lab	76.90, 21.41, -12.88
CIE LCh	77, 24.987, 328.977
Yxy	51.3594, 0.3189, 0.2870
Android (android.graphics.Color)	4292587990 (0xFFDDBB1D6)
YUV	193.7760, 9.9704, 22.1214
Hunter-Lab	71.6655, 16.7399, -8.1795

Details

The XYZ color **57.0732, 51.3594, 70.5236** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **51.9086, 63.3891, 53.7583**, and the grayscale version is **51.0846, 53.7450, 58.5283**.

A 20% lighter version of the original color is **88.4289, 86.7578, 106.6930**, and **28.7755, 24.8110, 36.0733** is the 20% darker color. If you saturate the color by 10%, you get **52.7600, 43.2608, 67.4564**, and if you desaturate by 10%, it is **62.0890, 60.8529, 73.8524**.

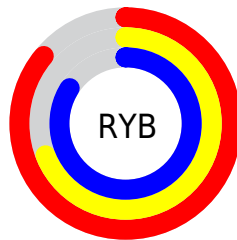
Distribution



Red (86%)

Green (69%)

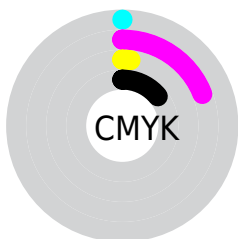
Blue (84%)



Red (86%)

Yellow (69%)

Blue (84%)

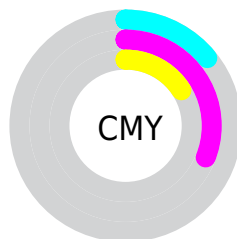


Cyan (0%)

Magenta (19%)

Yellow (2%)

Black (14%)



Cyan (14%)

Magenta (31%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.0732, 51.3594, 70.5236 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 57.0732, 51.3594, 70.5236 by changing the saturation by 10% instead.

■ 57.0732, 51.3594,
70.5236

■ 57.0732, 51.3594,
70.5236

403.7333,
391.9585, 481.2250

■ 41.3044, 36.4947,
51.4741

■ 99.7027, 92.1858,
121.6433

■ 28.7457, 24.8165,
36.2067

127.2942,
118.9163, 154.5505

■ 19.0319, 15.9404,
24.3029

159.5572,
150.3709, 192.9140

■ 11.7974, 9.4820,
15.3442

196.8571,
186.9339, 237.1523

■ 6.6771, 5.0569,
8.9120

239.5593,
228.9898, 287.6841

■ 3.3055, 2.2807,
4.5878

288.0292,

■ 1.3173, 0.7635,

276.9229, 344.9277

1.9530

342.6321,
331.1177, 409.3019

■ 0.1961, 0.0000,
0.5262

■ 0.0000, 0.0000,
0.0000

■ 57.0732, 51.3594,
70.5236

■ 57.0732, 51.3594,
70.5236

■ 52.7600, 43.2608,
67.4564

■ 62.0890, 60.8529,
73.8524

■ 49.1116, 36.4843,
64.6365

■ 67.8336, 71.7963,
77.4501

■ 46.0939, 30.9607,
62.0528

■ 74.3376, 84.2498,
81.3274

■ 43.6677, 26.6116,
59.6922

■ 78.4870, 91.9856,
84.4465

41.7894, 23.3501,
57.5401

78.8444, 92.1285,
86.3283

40.4096, 21.0772,
55.5799

79.2072, 92.2736,
88.2389

39.4696, 19.6755,
53.7918

79.5755, 92.4210,
90.1783

38.8748, 18.9560,
52.1442

79.9493, 92.5705,
92.1467

38.8312, 18.9072,
52.0115

80.3286, 92.7222,
94.1442

Harmonies

Analogous

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



53.3781, 51.3594, 82.0840



57.0732, 51.3594, 70.5236



58.5346, 51.3594, 56.3900

Triad

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



57.0732, 51.3594, 70.5236



48.9788, 51.3594, 33.6232



41.2496, 51.3594, 69.5835

Complementary

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



57.0732, 51.3594, 70.5236



51.9086, 63.3891, 53.7583

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.



40.2367, 51.3594, 55.4559



57.0732, 51.3594, 70.5236



44.5208, 51.3594, 36.0086

Square

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



57.0732, 51.3594, 70.5236



53.6784, 51.3594, 36.3580



41.3955, 51.3594, 43.4887



44.2557, 51.3594, 81.4822

Rectangle

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



57.0732, 51.3594, 70.5236



57.9773, 51.3594, 47.8351



41.3955, 51.3594, 43.4887



40.6737, 51.3594, 64.8718

Sweetspot

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



57.0747, 51.3616, 70.5247



90.0699, 90.5069, 105.7999



47.7784, 46.4943, 73.4750



19.1676, 19.1609, 22.5751



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.



57.0747, 51.3616, 70.5247



78.0048, 67.6763, 97.7721



54.5742, 50.3614, 57.3571



13.5441, 13.2468, 16.1267



23.0516, 11.2217, 30.9815



1.5127, 0.7347, 2.1086

Inverse Universe

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



57.0747, 51.3616, 70.5247



78.0048, 67.6763, 97.7721



54.2324, 64.3187, 65.9956



13.5441, 13.2468, 16.1267



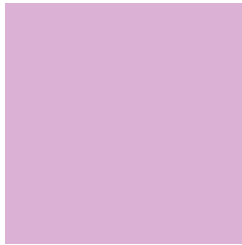
23.0516, 11.2217, 30.9815



1.5127, 0.7347, 2.1086

Previews

White Background



This preview shows how the XYZ color 57.0732, 51.3594, 70.5236 looks on a white background.

Color Contrast Check

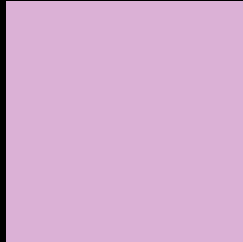
Large Text (above 18pt) WCAG AA × Fail

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 57.0732, 51.3594, 70.5236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

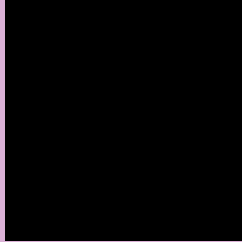
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.0732, 51.3594, 70.5236

Background



This preview shows how black text looks on a background with the XYZ color 57.0732, 51.3594, 70.5236.



This preview shows how white text looks on a background with the XYZ color 57.0732, 51.3594,

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

57.0732, 51.3594, 70.5236

Protanopia

50.8015, 51.3772, 75.6459

Deuteranopia

52.5213, 51.4572, 69.4514



Tritanopia

54.3778, 51.1365, 58.0432

Trichromacy



Original Color

57.0732, 51.3594, 70.5236

Protanomaly

52.8213, 51.2133, 73.4308

Deuteranomaly

54.1918, 51.3818, 70.0123

Tritanomaly

55.2780, 51.2090, 62.2292

Monochromacy



Original Color

57.0732, 51.3594, 70.5236

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

53.1544, 52.8800, 62.6637

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0732, 51.3594, 70.5236 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(219, 177, 214)` looks like.

```
.text, #text, p{  
    color:rgb(219, 177, 214)  
}
```

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(219, 177, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 177, 214) }
```

Border

The CSS property to change the border of an element to XYZ 57.0732, 51.3594, 70.5236 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(219, 177, 214) }
```


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

```
.border{ border-color:rgb(219, 177, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 177, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 177, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 177, 214);  
box-shadow:4px 4px 4px 4px rgb(219, 177,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0732, 51.3594, 70.5236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 177, 214) }
```

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

```
.background{ background-color: rgb(219,  
177, 214) }
```

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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