

Converting Colors

XYZ(56.9513, 52.1293, 63.8306)

Have a look what the booklet for
XYZ(56.9513, 52.1293, 63.8306)
contains.

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Color

**XYZ(56.7184, 51.9241,
63.5329)**

Conversions

Conversions Part 1

Format	Color
Hex	DDB3CB
RGB	221, 179, 203
RGB Percent	87%, 70%, 80%
CMY	0.1333, 0.2980, 0.2039
CMYK	0.00, 0.19, 0.08, 0.13
HSL	326°, 38%, 78%
HSV	326°, 19%, 87%
XYZ	56.7184, 51.9241, 63.5329
YIQ	194.2940, 17.3280, 16.3680

Conversions

Conversions Part 2

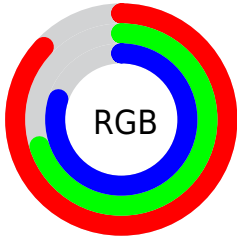
Format	Color
R _Y B	221, 179, 203
Decimal	14529483
CIE Lab	77.24, 19.07, -6.37
CIE LCh	77, 20.112, 341.520
Yxy	51.9241, 0.3294, 0.3016
Android (android.graphics.Color)	4292719563 (0xFFDDB3CB)
YUV	194.2940, 4.2921, 23.4212
Hunter-Lab	72.0584, 14.3983, -1.8343

Details

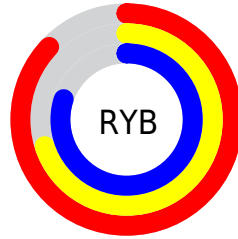
The XYZ color **56.7184, 51.9241, 63.5329** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **54.5270, 65.3293, 62.5623**, and the grayscale version is **51.4217, 54.0996, 58.9145**.

A 20% lighter version of the original color is **88.9983, 87.8967, 106.8828**, and **28.6116, 25.1986, 31.7896** is the 20% darker color. If you saturate the color by 10%, you get **51.5448, 43.3280, 56.4084**, and if you desaturate by 10%, it is **62.6738, 61.9721, 71.2596**.

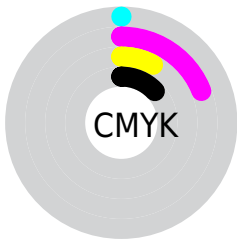
Distribution



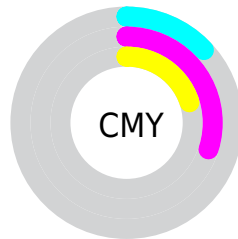
- Red (87%)
- Green (70%)
- Blue (80%)



- Red (87%)
- Yellow (70%)
- Blue (80%)



- Cyan (0%)
- Magenta (19%)
- Yellow (8%)
- Black (13%)




- Cyan (13%)
- Magenta (30%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.7184, 51.9241, 63.5329 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 56.7184, 51.9241, 63.5329 by changing the saturation by 10% instead.


 56.7184, 51.9241,
63.5329

 56.7184, 51.9241,
63.5329


402.4245,
394.1435, 455.6620

 41.0185, 36.9446,
45.8287

 99.1879, 93.0193,
111.5310

 28.5212, 25.1646,
31.7630


126.6882,
119.9038, 142.6619

 18.8614, 16.1997,
20.9172


158.8526,
151.5253, 179.1054

 11.6736, 9.6656,
12.8728

196.0466,
188.2684, 221.2802

 6.5924, 5.1778,
7.2113

238.6354,
230.5173, 269.6047

 3.2526, 2.3520,
3.5142

286.9844,

 1.2887, 0.8010,

278.6566, 324.4975

1.3628

341.4590,
333.0705, 386.3771

■ 0.1747, 0.0000,
0.1124

■ 0.0000, 0.0000,
0.0000

■ 56.7184, 51.9241,
63.5329

■ 56.7184, 51.9241,
63.5329

■ 51.5448, 43.3280,
56.4084

■ 62.6738, 61.9721,
71.2596

■ 47.1136, 36.1089,
49.8650

■ 69.4393, 73.5285,
79.6018

■ 43.3885, 30.1956,
43.8852

■ 77.0470, 86.6553,
88.5767

■ 40.3282, 25.5078,
38.4487

■ 81.4400, 93.2367,
96.8376

■ 37.8872, 21.9560,
33.5337

■ 82.8915, 93.8173,
104.4808

■ 36.0133, 19.4386,
29.1163

■ 83.6292, 94.1123,
108.3655

■ 34.6456, 17.8356,
25.1689

■ 33.6884, 16.9583,
21.6525

■ 33.6030, 16.8859,
21.3210

Harmonies

Analogous

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



54.4286, 51.9241, 73.9590



56.7184, 51.9241, 63.5329



56.9742, 51.9241, 52.4037

Triad

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



56.7184, 51.9241, 63.5329



47.8873, 51.9241, 38.1889



44.0100, 51.9241, 71.8016

Complementary

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



56.7184, 51.9241, 63.5329



54.5270, 65.3293, 62.5623

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.



42.4424, 51.9241, 60.8811



56.7184, 51.9241, 63.5329



44.6019, 51.9241, 42.0905

Square

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



56.7184, 51.9241, 63.5329



51.7383, 51.9241, 38.7045



42.6533, 51.9241, 50.0736



47.0408, 51.9241, 79.1447

Rectangle

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



56.7184, 51.9241, 63.5329



55.9417, 51.9241, 46.1527



42.6533, 51.9241, 50.0736



43.3018, 51.9241, 68.3716

Sweetspot

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



56.7199, 51.9264, 63.5340



89.3238, 90.2085, 101.8712



52.0685, 49.2661, 75.1725



18.9910, 19.0902, 21.6449



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.



56.7199, 51.9264, 63.5340



75.3225, 66.6034, 83.6471



54.4360, 51.0129, 51.5073



13.3662, 13.1756, 15.1899



19.5781, 9.8323, 12.6901



1.3112, 0.6541, 1.0478

Inverse Universe

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



56.7199, 51.9264, 63.5340



75.3225, 66.6034, 83.6471



57.0381, 66.3337, 75.7857



13.3662, 13.1756, 15.1899



19.5781, 9.8323, 12.6901



1.3112, 0.6541, 1.0478

Previews

White Background



This preview shows how the XYZ color 56.7184, 51.9241, 63.5329 looks on a white background.

Color Contrast Check

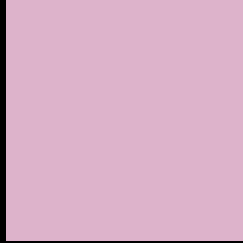
Large Text (above 18pt) WCAG AA × Fail

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 56.7184, 51.9241, 63.5329 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 56.7184, 51.9241, 63.5329

Background



This preview shows how black text looks on a background with the XYZ color 56.7184, 51.9241, 63.5329.



This preview shows how white text looks on a background with the XYZ color 56.7184, 51.9241,

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

56.7184, 51.9241, 63.5329

Protanopia

51.0326, 52.2989, 68.3778

Deuteranopia

53.1865, 51.9413, 63.0996



Tritanopia

55.5741, 51.7532, 58.0992

Trichromacy



Original Color

56.7184, 51.9241, 63.5329

Protanomaly

52.9088, 52.0403, 66.2877

Deuteranomaly

54.4581, 51.9801, 63.0400

Tritanomaly

55.9145, 51.8894, 59.8920

Monochromacy



Original Color

56.7184, 51.9241, 63.5329

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

53.1775, 53.2638, 60.3015

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7184, 51.9241, 63.5329 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(221, 179, 203)` looks like.

```
.text, #text, p{  
    color:rgb(221, 179, 203)  
}
```

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(221, 179, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 179, 203) }
```

Border

The CSS property to change the border of an element to XYZ 56.7184, 51.9241, 63.5329 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(221, 179, 203) }
```


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

```
.border{ border-color:rgb(221, 179, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 179, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 179, 203); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 179, 203); box-shadow:4px 4px 4px 4px rgb(221, 179, 203) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7184, 51.9241, 63.5329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 179, 203) }
```

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

```
.background{ background-color: rgb(221,  
179, 203) }
```

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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