

Converting Colors

XYZ(57.4269, 55.2522, 72.1497)

Have a look what the booklet for
XYZ(57.4269, 55.2522, 72.1497)
contains.

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Color

**XYZ(57.3273, 55.1504,
71.9136)**

Conversions

Conversions Part 1

Format	Color
Hex	D3BDD7
RGB	211, 189, 215
RGB Percent	83%, 74%, 84%
CMY	0.1725, 0.2588, 0.1569
CMYK	0.02, 0.12, 0.00, 0.16
HSL	291°, 25%, 79%
HSV	291°, 12%, 84%
XYZ	57.3273, 55.1504, 71.9136
YIQ	198.5420, 4.7660, 12.7500

Conversions

Conversions Part 2

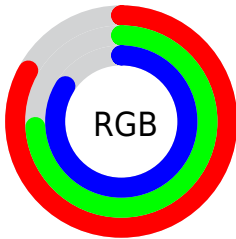
Format	Color
R_{YB}	211, 189, 215
Decimal	13876695
CIE _{Lab}	79.13, 12.42, -10.16
CIE _{LCh}	79, 16.045, 320.714
Yxy	55.1504, 0.3109, 0.2991
Android (android.graphics.Color)	4292066775 (0xFFD3BDD7)
YUV	198.5420, 8.1138, 10.9257
Hunter-Lab	74.2633, 7.8316, -5.4297

Details

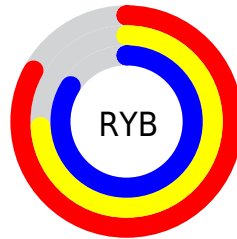
The XYZ color **57.3273, 55.1504, 71.9136** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **55.4801, 63.6139, 57.5015**, and the grayscale version is **53.9579, 56.7679, 61.8202**.

A 20% lighter version of the original color is **91.9424, 93.7848, 107.8641**, and **28.8596, 27.2143, 36.9895** is the 20% darker color. If you saturate the color by 10%, you get **52.1036, 46.0946, 70.4418**, and if you desaturate by 10%, it is **63.2594, 65.5921, 73.6172**.

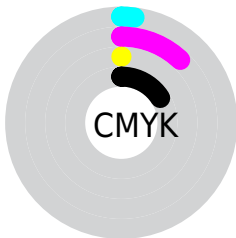
Distribution



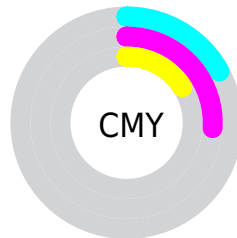
- Red (83%)
- Green (74%)
- Blue (84%)



- Red (83%)
- Yellow (74%)
- Blue (84%)



- Cyan (2%)
- Magenta (12%)
- Yellow (0%)
- Black (16%)



- Cyan (17%)
- Magenta (26%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.3273, 55.1504, 71.9136 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 57.3273, 55.1504, 71.9136 by changing the saturation by 10% instead.

■ 57.3273, 55.1504,
71.9136

■ 57.3273, 55.1504,
71.9136

404.6690,
406.4818, 486.2103

■ 41.5092, 39.5222,
52.6017

■ 100.0712, 97.7613,
123.6403

■ 28.9066, 27.1662,
37.0994

127.7278,
125.5127, 156.8921

■ 19.1541, 17.6981,
24.9880

160.0612,
158.0740, 195.6277

■ 11.8864, 10.7334,
15.8492

197.4369,
195.8295, 240.2655

■ 6.7380, 5.8879,
9.2643

240.2201,
239.1636, 291.2241

■ 3.3437, 2.7770,
4.8148

288.7763,

■ 1.3380, 1.0165,

288.4608, 348.9221

2.0822

343.4708,
344.1054, 413.7780

■ 0.2114, 0.0000,
0.6051

■ 0.0000, 0.0000,
0.0000

■ 57.3273, 55.1504,
71.9136

■ 57.3273, 55.1504,
71.9136

■ 52.1036, 46.0946,
70.4418

■ 63.2594, 65.5921,
73.6172

■ 47.5531, 38.3575,
69.1882

■ 69.9232, 77.4690,
75.5585

■ 43.6451, 31.8767,
68.1433

■ 77.3471, 90.8369,
77.7475

■ 40.3445, 26.5822,
67.2953

■ 78.8388, 92.3110,
77.9534

37.6126, 22.3969,
66.6314

79.8756, 92.8455,
78.0019

35.4064, 19.2347,
66.1374

80.9324, 93.3903,
78.0513

33.6761, 16.9967,
65.7966

82.0094, 93.9455,
78.1017

32.3625, 15.5642,
65.5893

83.1067, 94.5112,
78.1531

31.5386, 14.8418,
65.4933

84.2244, 95.0874,
78.2054

Harmonies

Analogous

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



54.6256, 55.1504, 78.0876



57.3273, 55.1504, 71.9136



58.7292, 55.1504, 62.9381

Triad

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



57.3273, 55.1504, 71.9136



53.4180, 55.1504, 44.2823



46.8712, 55.1504, 66.5011

Complementary

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



57.3273, 55.1504, 71.9136



55.4801, 63.6139, 57.5015

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.



46.5774, 55.1504, 57.2505



57.3273, 55.1504, 71.9136



50.2722, 55.1504, 45.0278

Square

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



57.3273, 55.1504, 71.9136



56.4124, 55.1504, 47.4159



47.7988, 55.1504, 49.5676



48.6182, 55.1504, 74.7486

Rectangle

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



57.3273, 55.1504, 71.9136



58.7005, 55.1504, 56.8323



47.7988, 55.1504, 49.5676



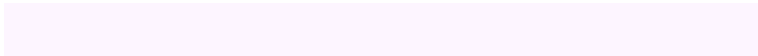
46.6021, 55.1504, 63.3857

Sweetspot

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



57.3289, 55.1528, 71.9148



91.3069, 93.3674, 107.8171



52.3981, 54.0152, 71.9551



19.3970, 19.7257, 23.0351



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.



57.3289, 55.1528, 71.9148



81.9063, 76.8778, 105.1297



57.4048, 55.3172, 66.2584



12.7566, 12.5314, 15.6840



18.9365, 8.9146, 39.1758



1.1940, 0.5644, 2.3653

Inverse Universe

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



55.8495, 54.6951, 58.0685



79.2586, 76.0650, 80.0591



55.4433, 63.4830, 62.5582



12.5004, 12.4516, 13.3092



16.9516, 8.7170, 1.7833



1.0475, 0.5358, 0.2397

Previews

White Background



This preview shows how the XYZ color 57.3273, 55.1504, 71.9136 looks on a white background.

Color Contrast Check

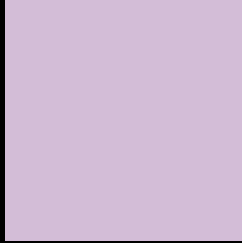
Large Text (above 18pt) WCAG AA × Fail

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 57.3273, 55.1504, 71.9136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

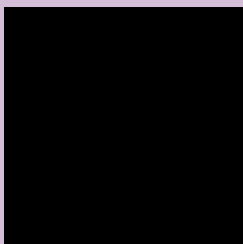
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

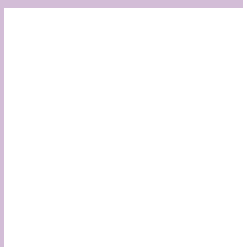
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.3273, 55.1504, 71.9136

Background



This preview shows how black text looks on a background with the XYZ color 57.3273, 55.1504, 71.9136.



This preview shows how white text looks on a background with the XYZ color 57.3273, 55.1504,

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

57.3273, 55.1504, 71.9136

Protanopia

54.2936, 55.4821, 74.8654

Deuteranopia

56.6287, 55.4333, 72.0050



Tritanopia

56.3497, 55.4195, 66.1196

Trichromacy



Original Color

57.3273, 55.1504, 71.9136

Protanomaly

55.5443, 55.4812, 74.1111

Deuteranomaly

56.6916, 55.1431, 71.9457

Tritanomaly

56.5004, 55.1320, 67.9852

Monochromacy



Original Color

57.3273, 55.1504, 71.9136

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.1632, 56.1345, 65.6852

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3273, 55.1504, 71.9136 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(211, 189, 215)` looks like.

```
.text, #text, p{  
    color:rgb(211, 189, 215)  
}
```

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(211, 189, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 189, 215) }
```

Border

The CSS property to change the border of an element to XYZ 57.3273, 55.1504, 71.9136 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(211, 189, 215) }
```


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

```
.border{ border-color:rgb(211, 189, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 189, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 189, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 189, 215);  
box-shadow:4px 4px 4px 4px rgb(211, 189,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3273, 55.1504, 71.9136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 189, 215) }
```

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

```
.background{ background-color: rgb(211,  
189, 215) }
```

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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