

Converting Colors

XYZ(57.6440, 57.1129, 71.2942)

Have a look what the booklet for
XYZ(57.6440, 57.1129, 71.2942)
contains.

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Color

**XYZ(57.7239, 56.9939,
71.5769)**

Conversions

Conversions Part 1

Format	Color
Hex	D1C2D6
RGB	209, 194, 214
RGB Percent	82%, 76%, 84%
CMY	0.1804, 0.2392, 0.1608
CMYK	0.02, 0.09, 0.00, 0.16
HSL	285°, 20%, 80%
HSV	285°, 9%, 84%
XYZ	57.7239, 56.9939, 71.5769
YIQ	200.7650, 2.5200, 9.4000

Conversions

Conversions Part 2

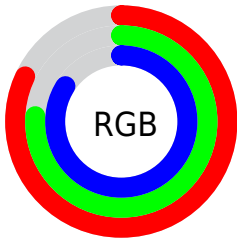
Format	Color
R _Y B	209, 194, 214
Decimal	13746902
CIE Lab	80.18, 8.87, -8.08
CIE LCh	80, 12.000, 317.676
Yxy	56.9939, 0.3099, 0.3059
Android (android.graphics.Color)	4291936982 (0xFFD1C2D6)
YUV	200.7650, 6.5249, 7.2221
Hunter-Lab	75.4943, 4.3683, -3.3674

Details

The XYZ color **57.7239, 56.9939, 71.5769** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.3394, 64.1318, 60.3983**, and the grayscale version is **55.3331, 58.2147, 63.3958**.

A 20% lighter version of the original color is **93.4756, 96.8512, 108.3752**, and **29.1537, 28.2279, 36.7129** is the 20% darker color. If you saturate the color by 10%, you get **51.8119, 47.3789, 70.0335**, and if you desaturate by 10%, it is **64.3759, 68.0117, 73.3538**.

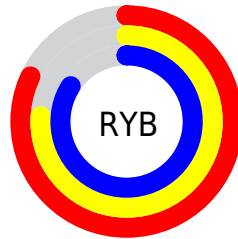
Distribution



Red (82%)

Green (76%)

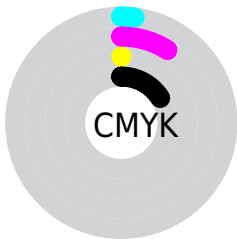
Blue (84%)



Red (82%)

Yellow (76%)

Blue (84%)

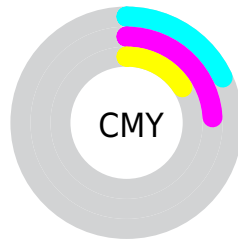


Cyan (2%)

Magenta (9%)

Yellow (0%)

Black (16%)



Cyan (18%)

Magenta (24%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.7239, 56.9939, 71.5769 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 57.7239, 56.9939, 71.5769 by changing the saturation by 10% instead.

■ 57.7239, 56.9939,
71.5769

■ 57.7239, 56.9939,
71.5769

406.1268,
413.4265, 485.0055

■ 41.8291, 41.0003,
52.3284

■ 100.6460,
100.4563, 123.1569

■ 29.1580, 28.3194,
36.8829

128.4040,
128.6939, 156.3255

■ 19.3453, 18.5665,
24.8217

160.8471,
161.7817, 194.9712

■ 12.0255, 11.3575,
15.7265

198.3406,
200.1040, 239.5126

■ 6.8334, 6.3078,
9.1786

241.2501,
244.0452, 290.3682

■ 3.4035, 3.0331,
4.7594

289.9406,

■ 1.3706, 1.1491,

293.9898, 347.9565

2.0506

344.7778,
350.3221, 412.6961

■ 0.2351, 0.0195,
0.5861

■ 0.0000, 0.0000,
0.0000

■ 57.7239, 56.9939,
71.5769

■ 57.7239, 56.9939,
71.5769

■ 51.8119, 47.3789,
70.0335

■ 64.3759, 68.0117,
73.3538

■ 46.6053, 39.1008,
68.7101

■ 71.7909, 80.4800,
75.3696

■ 42.0739, 32.0992,
67.5974

■ 78.9658, 92.3913,
77.2906

■ 38.1835, 26.3062,
66.6843

■ 80.6607, 93.2650,
77.3699

34.8964, 21.6475,
65.9584

82.4085, 94.1660,
77.4517

32.1711, 18.0405,
65.4058

84.2094, 95.0944,
77.5360

29.9601, 15.3912,
65.0109

86.0640, 96.0505,
77.6228

28.2074, 13.5884,
64.7553

87.9726, 97.0345,
77.7121

26.8199, 12.4467,
64.6081

89.1378, 97.6351,
77.7666

Harmonies

Analogous

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



55.6119, 56.9939, 75.7981



57.7239, 56.9939, 71.5769



58.8978, 56.9939, 64.9768

Triad

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



57.7239, 56.9939, 71.5769



55.1812, 56.9939, 49.8036



49.8115, 56.9939, 66.2378

Complementary

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



57.7239, 56.9939, 71.5769



57.3394, 64.1318, 60.3983

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.



49.7041, 56.9939, 59.2254



57.7239, 56.9939, 71.5769



52.7552, 56.9939, 50.0853

Square

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



57.7239, 56.9939, 71.5769



57.4005, 56.9939, 52.6195



50.7669, 56.9939, 53.4204



51.0650, 56.9939, 72.5597

Rectangle

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



57.7239, 56.9939, 71.5769



58.9679, 56.9939, 60.2745



50.7669, 56.9939, 53.4204



49.6415, 56.9939, 63.8736

Sweetspot

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



57.7256, 56.9963, 71.5781



91.9577, 94.8548, 108.0699



54.8882, 57.3273, 71.7916



19.5096, 20.0156, 23.0851



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.



57.7256, 56.9963, 71.5781



84.2121, 82.0849, 106.0132



58.5750, 57.5021, 68.5514



12.6357, 12.4691, 15.6783



16.2585, 7.5341, 39.0505



1.0542, 0.4923, 2.3588

Inverse Universe

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



57.3341, 57.0058, 62.0169



83.5414, 82.1092, 89.2598



56.5668, 63.6720, 63.1411



12.5494, 12.4712, 13.5671



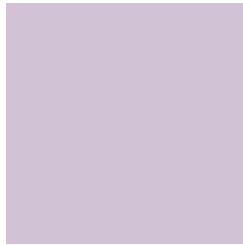
17.1928, 8.8134, 3.0534



1.0705, 0.5450, 0.3605

Previews

White Background



This preview shows how the XYZ color 57.7239, 56.9939, 71.5769 looks on a white background.

Color Contrast Check

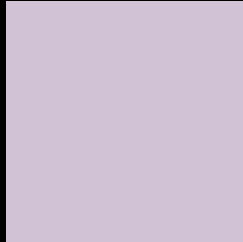
Large Text (above 18pt) WCAG AA × Fail

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 57.7239, 56.9939, 71.5769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

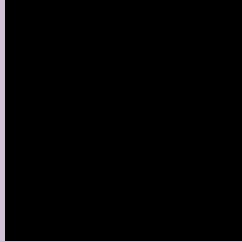
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.7239, 56.9939, 71.5769

Background



This preview shows how black text looks on a background with the XYZ color 57.7239, 56.9939, 71.5769.



This preview shows how white text looks on a background with the XYZ color 57.7239, 56.9939,

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

57.7239, 56.9939, 71.5769

Protanopia

55.6147, 57.2164, 73.0784

Deuteranopia

58.0715, 56.8439, 71.5296



Tritanopia

57.1604, 57.0933, 68.9802

Trichromacy



Original Color

57.7239, 56.9939, 71.5769

Protanomaly

56.3194, 57.2563, 72.3732

Deuteranomaly

57.7859, 56.6966, 71.5162

Tritanomaly

57.2854, 57.1433, 69.6385

Monochromacy



Original Color

57.7239, 56.9939, 71.5769

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

56.2365, 57.6818, 66.5622

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7239, 56.9939, 71.5769 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(209, 194, 214) looks like.

```
.text, #text, p{  
    color:rgb(209, 194, 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(209, 194, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 194, 214) }
```

Border

The CSS property to change the border of an element to XYZ 57.7239, 56.9939, 71.5769 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(209, 194, 214) }
```


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

```
.border{ border-color:rgb(209, 194, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 194, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 194, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 194, 214);  
box-shadow:4px 4px 4px 4px rgb(209, 194,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7239, 56.9939, 71.5769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 194, 214) }
```

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

```
.background{ background-color: rgb(209,  
194, 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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