

Converting Colors

XYZ(59.8858, 56.6132, 70.6858)

Have a look what the booklet for
XYZ(59.8858, 56.6132, 70.6858)
contains.

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Color

**XYZ(59.7230, 56.4149,
70.6922)**

Conversions

Conversions Part 1

Format	Color
Hex	DCBDD5
RGB	220, 189, 213
RGB Percent	86%, 74%, 84%
CMY	0.1373, 0.2588, 0.1647
CMYK	0.00, 0.14, 0.03, 0.14
HSL	314°, 31%, 80%
HSV	314°, 14%, 86%
XYZ	59.7230, 56.4149, 70.6922
YIQ	201.0050, 10.7720, 14.0360

Conversions

Conversions Part 2

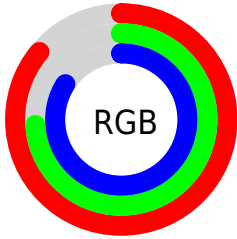
Format	Color
R_{YB}	220, 189, 213
Decimal	14466517
CIE _{Lab}	79.85, 15.11, -7.92
CIE _{LCh}	80, 17.064, 332.333
Yxy	56.4149, 0.3197, 0.3020
Android (android.graphics.Color)	4292656597 (0xFFDCBDD5)
YUV	201.0050, 5.9135, 16.6586
Hunter-Lab	75.1099, 10.4906, -3.2259

Details

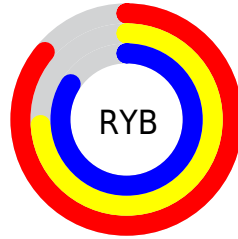
The XYZ color **59.7230, 56.4149, 70.6922** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **56.5454, 65.9923, 61.9851**, and the grayscale version is **55.4816, 58.3710, 63.5660**.

A 20% lighter version of the original color is **91.9424, 93.7848, 107.8641**, and **30.4928, 28.0763, 36.1599** is the 20% darker color. If you saturate the color by 10%, you get **54.7244, 47.4108, 65.9626**, and if you desaturate by 10%, it is **65.4620, 66.8673, 75.7653**.

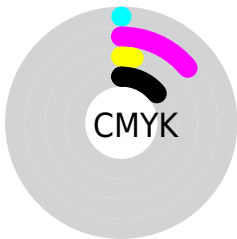
Distribution



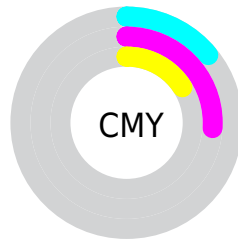
- Red (86%)
- Green (74%)
- Blue (84%)



- Red (86%)
- Yellow (74%)
- Blue (84%)



- Cyan (0%)
- Magenta (14%)
- Yellow (3%)
- Black (14%)



- Cyan (14%)
- Magenta (26%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.7230, 56.4149, 70.6922 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 59.7230, 56.4149, 70.6922 by changing the saturation by 10% instead.

59.7230, 56.4149,
70.6922

59.7230, 56.4149,
70.6922

413.4271,
411.2532, 481.8314

43.4440, 40.5357,
51.6108

103.5364, 99.6109,
121.8857

30.4297, 27.9564,
36.3148

131.8015,
127.6966, 154.8349

20.3146, 18.2928,
24.3858

164.7926,
160.6197, 193.2437

12.7336, 11.1604,
15.4052

202.8752,
198.7649, 237.5307

7.3211, 6.1748,
8.9545

246.4146,
242.5164, 288.1144

3.7118, 2.9517,
4.6151

295.7762,

1.5404, 1.1066,

292.2587, 345.4134

1.9685

351.3252,
348.3762, 409.8462

■ 0.3531, 0.0000,
0.5358

■ 0.0000, 0.0000,
0.0000

■ 59.7230, 56.4149,
70.6922

■ 59.7230, 56.4149,
70.6922

■ 54.7244, 47.4108,
65.9626

■ 65.4620, 66.8673,
75.7653

■ 50.4289, 39.7830,
61.5612

■ 71.9669, 78.8210,
81.1891

■ 46.8032, 33.4646,
57.4767

■ 79.2662, 92.3321,
86.9748

■ 43.8096, 28.3800,
53.6957

■ 79.9657, 92.6119,
90.6583

41.4062, 24.4462,
50.2033

80.6851, 92.8997,
94.4470

39.5460, 21.5694,
46.9830

81.4248, 93.1955,
98.3418

38.1750, 19.6414,
44.0159

82.1847, 93.4995,
102.3436

37.2270, 18.5308,
41.2789

82.9651, 93.8116,
106.4531

36.8013, 18.1301,
39.7476

83.3256, 93.9558,
108.3513

Harmonies

Analogous

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



57.2533, 56.4149, 78.9480



59.7230, 56.4149, 70.6922



60.5371, 56.4149, 60.6550

Triad

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



59.7230, 56.4149, 70.6922



53.3507, 56.4149, 44.3078



48.2003, 56.4149, 72.1756

Complementary

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



59.7230, 56.4149, 70.6922



56.5454, 65.9923, 61.9851

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.



47.2522, 56.4149, 62.2040



59.7230, 56.4149, 70.6922



50.1451, 56.4149, 46.7101

Square

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



59.7230, 56.4149, 70.6922



56.7653, 56.4149, 46.0678



47.9489, 56.4149, 53.0075



50.5943, 56.4149, 79.8670

Rectangle

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



59.7230, 56.4149, 70.6922



60.0043, 56.4149, 54.4758



47.9489, 56.4149, 53.0075



47.7067, 56.4149, 68.9441

Sweetspot

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



59.7246, 56.4174, 70.6934



91.5132, 93.5164, 105.9024



53.8095, 53.2631, 75.1557



19.4494, 19.7636, 22.5487



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.



59.7246, 56.4174, 70.6934



81.2096, 74.7776, 96.7078



57.8828, 55.6806, 60.9942



13.4820, 13.2219, 15.7994



21.6420, 10.6579, 23.5588



1.4336, 0.7031, 1.6922

Inverse Universe

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



59.7246, 56.4174, 70.6934



81.2096, 74.7776, 96.7078



58.3664, 66.7206, 71.5742



13.4820, 13.2219, 15.7994



21.6420, 10.6579, 23.5588



1.4336, 0.7031, 1.6922

Previews

White Background



This preview shows how the XYZ color 59.7230, 56.4149, 70.6922 looks on a white background.

Color Contrast Check

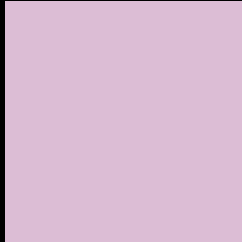
Large Text (above 18pt) WCAG AA × Fail

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 59.7230, 56.4149, 70.6922 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 59.7230, 56.4149, 70.6922

Background



This preview shows how black text looks on a background with the XYZ color 59.7230, 56.4149, 70.6922.



This preview shows how white text looks on a background with the XYZ color 59.7230, 56.4149,

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

59.7230, 56.4149, 70.6922

Protanopia

55.3861, 56.7302, 74.3605

Deuteranopia

57.5973, 56.3016, 70.1190



Tritanopia

58.6463, 56.2948, 65.5326

Trichromacy



Original Color

59.7230, 56.4149, 70.6922

Protanomaly

56.8633, 56.5206, 72.8783

Deuteranomaly

58.2460, 56.3112, 70.0866

Tritanomaly

59.0120, 56.4410, 67.4584

Monochromacy



Original Color

59.7230, 56.4149, 70.6922

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

56.9981, 57.7502, 65.9004

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.7230, 56.4149, 70.6922 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(220, 189, 213)` looks like.

```
.text, #text, p{  
    color:rgb(220, 189, 213)  
}
```

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(220, 189, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 189, 213) }
```

Border

The CSS property to change the border of an element to XYZ 59.7230, 56.4149, 70.6922 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(220, 189, 213) }
```


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

```
.border{ border-color:rgb(220, 189, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 189, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 189, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 189, 213);  
box-shadow:4px 4px 4px 4px rgb(220, 189,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 59.7230, 56.4149, 70.6922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 189, 213) }
```

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

```
.background{ background-color: rgb(220,  
189, 213) }
```

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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