

Converting Colors

XYZ(59.7732, 56.2724, 72.4861)

Have a look what the booklet for
XYZ(59.7732, 56.2724, 72.4861)
contains.

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Color

**XYZ(59.8057, 56.4131,
72.7025)**

Conversions

Conversions Part 1

Format	Color
Hex	DBBDD8
RGB	219, 189, 216
RGB Percent	86%, 74%, 85%
CMY	0.1412, 0.2588, 0.1529
CMYK	0.00, 0.14, 0.01, 0.14
HSL	306°, 29%, 80%
HSV	306°, 14%, 86%
XYZ	59.8057, 56.4131, 72.7025
YIQ	201.0480, 9.2130, 14.7570

Conversions

Conversions Part 2

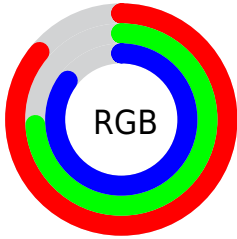
Format	Color
R _Y B	219, 189, 216
Decimal	14400984
CIE Lab	79.85, 15.32, -9.55
CIE LCh	80, 18.050, 328.049
Yxy	56.4131, 0.3166, 0.2986
Android (android.graphics.Color)	4292591064 (0xFFDBBDD8)
YUV	201.0480, 7.3713, 15.7439
Hunter-Lab	75.1087, 10.6915, -4.8145

Details

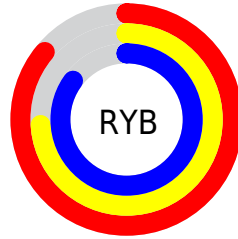
The XYZ color **59.8057, 56.4131, 72.7025** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **55.8344, 65.2893, 59.5315**, and the grayscale version is **55.5002, 58.3906, 63.5873**.

A 20% lighter version of the original color is **91.9424, 93.7848, 107.8641**, and **30.5470, 28.0740, 37.5270** is the 20% darker color. If you saturate the color by 10%, you get **55.1652, 47.5815, 69.7684**, and if you desaturate by 10%, it is **65.1646, 66.6737, 75.8960**.

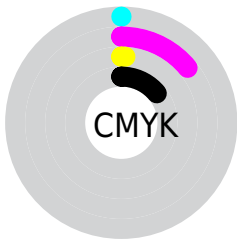
Distribution



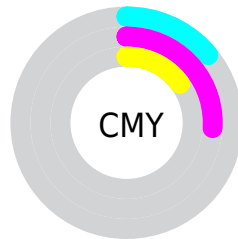
- Red (86%)
- Green (74%)
- Blue (85%)



- Red (86%)
- Yellow (74%)
- Blue (85%)



- Cyan (0%)
- Magenta (14%)
- Yellow (1%)
- Black (14%)





- Cyan (14%)
- Magenta (26%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.8057, 56.4131, 72.7025 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 59.8057, 56.4131, 72.7025 by changing the saturation by 10% instead.


 59.8057, 56.4131,
72.7025

 59.8057, 56.4131,
72.7025


413.7274,
411.2465, 489.0262

 43.5109, 40.5342,
53.2424


 103.6557, 99.6083,
124.7718

 30.4824, 27.9553,
37.6073

131.9416,
127.6934, 158.2180

 20.3550, 18.2920,
25.3786


164.9553,
160.6161, 197.1634

 12.7631, 11.1598,
16.1377

203.0621,
198.7607, 242.0265

 7.3415, 6.1744,
9.4663

246.6273,
242.5117, 293.2257

 3.7248, 2.9514,
4.9456

296.0164,

 1.5476, 1.1064,

292.2534, 351.1797

2.1572

351.5947,
348.3701, 416.3070

■ 0.3579, 0.0000,
0.6495

■ 0.0000, 0.0000,
0.0000

■ 59.8057, 56.4131,
72.7025

■ 59.8057, 56.4131,
72.7025

■ 55.1652, 47.5815,
69.7684

■ 65.1646, 66.6737,
75.8960

■ 51.2064, 40.1080,
67.0794

■ 71.2666, 78.4155,
79.3553

■ 47.8966, 33.9267,
64.6252

■ 78.1417, 91.6972,
83.0911

■ 45.1987, 28.9631,
62.3934

■ 78.5322, 92.0036,
84.6841

43.0717, 25.1354,
60.3702

78.8326, 92.1238,
86.2661

41.4697, 22.3517,
58.5403

79.1368, 92.2455,
87.8683

40.3394, 20.5057,
56.8859

79.4449, 92.3687,
89.4908

39.6165, 19.4684,
55.3853

79.7569, 92.4935,
91.1337

39.3031, 19.0960,
54.4962

80.0728, 92.6199,
92.7972

Harmonies

Analogous

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



56.9919, 56.4131, 80.9540



59.8057, 56.4131, 72.7025



60.9536, 56.4131, 62.1119

Triad

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



59.8057, 56.4131, 72.7025



53.8585, 56.4131, 43.4252



47.6528, 56.4131, 71.3828

Complementary

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



59.8057, 56.4131, 72.7025



55.8344, 65.2893, 59.5315

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.



46.8976, 56.4131, 60.7417



59.8057, 56.4131, 72.7025



50.3818, 56.4131, 45.3189

Square

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



59.8057, 56.4131, 72.7025



57.4245, 56.4131, 45.8806



47.8743, 56.4131, 51.3773



49.9853, 56.4131, 80.1333

Rectangle

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



59.8057, 56.4131, 72.7025



60.5821, 56.4131, 55.3970



47.8743, 56.4131, 51.3773



47.2109, 56.4131, 67.8736

Sweetspot

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



59.8074, 56.4156, 72.7037



91.7181, 93.5983, 106.9812



52.7244, 52.7189, 74.4158



19.5014, 19.7844, 22.8226



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.



59.8074, 56.4156, 72.7037



82.7371, 76.4144, 101.5888



57.9556, 55.6748, 62.9523



13.5553, 13.2512, 16.1855



23.3277, 11.3321, 32.4355



1.5279, 0.7408, 2.1887

Inverse Universe

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



59.8074, 56.4156, 72.7037



82.7371, 76.4144, 101.5888



57.5822, 65.9884, 68.7355



13.5553, 13.2512, 16.1855



23.3277, 11.3321, 32.4355



1.5279, 0.7408, 2.1887

Previews

White Background



This preview shows how the XYZ color 59.8057, 56.4131, 72.7025 looks on a white background.

Color Contrast Check

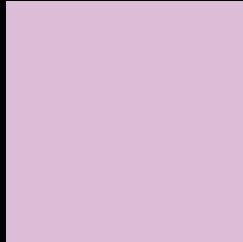
Large Text (above 18pt) WCAG AA × Fail

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 59.8057, 56.4131, 72.7025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

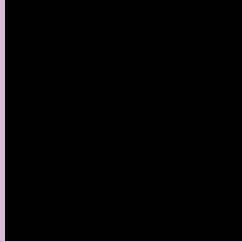
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.8057, 56.4131, 72.7025

Background



This preview shows how black text looks on a background with the XYZ color 59.8057, 56.4131, 72.7025.



This preview shows how white text looks on a background with the XYZ color 59.8057, 56.4131,

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

59.8057, 56.4131, 72.7025

Protanopia

55.5231, 56.7551, 76.4351

Deuteranopia

57.6302, 56.6015, 72.1777



Tritanopia

58.6848, 56.6233, 66.2289

Trichromacy



Original Color

59.8057, 56.4131, 72.7025

Protanomaly

56.9798, 56.5354, 74.9271

Deuteranomaly

58.5560, 56.7517, 72.1579

Tritanomaly

58.9598, 56.3855, 68.7487

Monochromacy



Original Color

59.8057, 56.4131, 72.7025

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

57.1193, 57.7986, 66.5383

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8057, 56.4131, 72.7025 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, 189, 216)` looks like.

```
.text, #text, p{  
    color:rgb(219, 189, 216)  
}
```

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, 189, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 189, 216) }
```

Border

The CSS property to change the border of an element to XYZ 59.8057, 56.4131, 72.7025 is called "border". The border property can be set on classes, ids or directly on the HTML element.

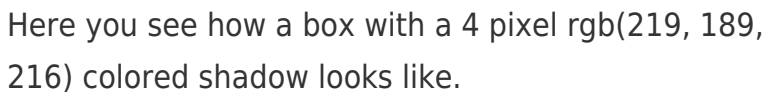
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(219, 189, 216) }
```


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

```
.border{ border-color:rgb(219, 189, 216) }
```

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



Here you see how a box with a 4 pixel `rgb(219, 189, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 189, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 189, 216); box-shadow:4px 4px 4px 4px rgb(219, 189, 216) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8057, 56.4131, 72.7025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 189, 216) }
```

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

```
.background{ background-color: rgb(219,  
189, 216) }
```

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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