

Converting Colors

XYZ(60.4917, 56.9434, 72.9219)

Have a look what the booklet for
XYZ(60.4917, 56.9434, 72.9219)
contains.

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Color

**XYZ(60.6269, 57.1569,
72.8028)**

Conversions

Conversions Part 1

Format	Color
Hex	DDBED8
RGB	221, 190, 216
RGB Percent	87%, 75%, 85%
CMY	0.1333, 0.2549, 0.1529
CMYK	0.00, 0.14, 0.02, 0.13
HSL	310°, 31%, 81%
HSV	310°, 14%, 87%
XYZ	60.6269, 57.1569, 72.8028
YIQ	202.2330, 10.1300, 14.6580

Conversions

Conversions Part 2

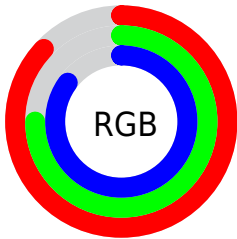
Format	Color
R _Y B	221, 190, 216
Decimal	14532312
CIE Lab	80.27, 15.46, -8.91
CIE LCh	80, 17.843, 330.046
Yxy	57.1569, 0.3181, 0.2999
Android (android.graphics.Color)	4292722392 (0xFFDDBED8)
YUV	202.2330, 6.7871, 16.4587
Hunter-Lab	75.6022, 10.8389, -4.1731

Details

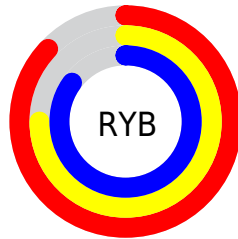
The XYZ color **60.6269, 57.1569, 72.8028** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **56.9442, 66.6017, 61.4869**, and the grayscale version is **56.2404, 59.1692, 64.4353**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **31.1046, 28.5715, 37.5937** is the 20% darker color. If you saturate the color by 10%, you get **55.7431, 48.1180, 68.9261**, and if you desaturate by 10%, it is **66.2499, 67.6563, 76.9766**.

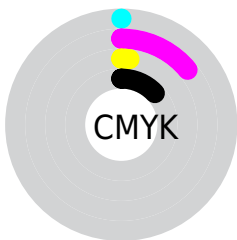
Distribution



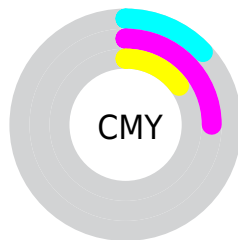
- Red (87%)
- Green (75%)
- Blue (85%)



- Red (87%)
- Yellow (75%)
- Blue (85%)



- Cyan (0%)
- Magenta (14%)
- Yellow (2%)
- Black (13%)



- Cyan (13%)
- Magenta (25%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.6269, 57.1569, 72.8028 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 60.6269, 57.1569, 72.8028 by changing the saturation by 10% instead.

60.6269, 57.1569,
72.8028

60.6269, 57.1569,
72.8028

416.7025,
414.0370, 489.3835

44.1755, 41.1312,
53.3239

104.8397,
100.6941, 124.9155

31.0070, 28.4216,
37.6719

133.3319,
128.9744, 158.3864

20.7561, 18.6437,
25.4283

166.5683,
162.1084, 197.3584

13.0572, 11.4131,
16.1745

204.9144,
200.4804, 242.2500

7.5452, 6.3454,
9.4920

248.7355,
244.4749, 293.4798

3.8547, 3.0562,
4.9623

298.3970,

1.6203, 1.1612,

294.4762, 351.4663

2.1668

354.2642,
350.8688, 416.6280

0.4056, 0.0296,
0.6551

0.0000, 0.0000,
0.0000

60.6269, 57.1569,
72.8028

60.6269, 57.1569,
72.8028

55.7431, 48.1180,
68.9261

66.2499, 67.6563,
76.9766

51.5607, 40.4671,
65.3315

72.6375, 79.6698,
81.4542

48.0464, 34.1363,
62.0084

79.4024, 92.4216,
86.1076

45.1619, 29.0496,
58.9436

79.8988, 92.6202,
88.7217

42.8651, 25.1227,
56.1228

80.4055, 92.8229,
91.3898

41.1088, 22.2613,
53.5300

80.9225, 93.0297,
94.1121

39.8383, 20.3560,
51.1465

81.4498, 93.2406,
96.8890

38.9870, 19.2740,
48.9499

81.9876, 93.4557,
99.7208

38.6133, 18.8900,
47.7048

82.5358, 93.6750,
102.6078

Harmonies

Analogous

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



57.9109, 57.1569, 81.2743



60.6269, 57.1569, 72.8028



61.6396, 57.1569, 62.2179

Triad

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



60.6269, 57.1569, 72.8028



54.3202, 57.1569, 44.2440



48.4826, 57.1569, 72.8340

Complementary

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



60.6269, 57.1569, 72.8028



56.9442, 66.6017, 61.4869

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.



47.6149, 57.1569, 62.2504



60.6269, 57.1569, 72.8028



50.8920, 57.1569, 46.4273

Square

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



60.6269, 57.1569, 72.8028



57.9007, 57.1569, 46.4139



48.4774, 57.1569, 52.7413



50.9014, 57.1569, 81.2937

Rectangle

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



60.6269, 57.1569, 72.8028



61.1789, 57.1569, 55.6048



48.4774, 57.1569, 52.7413



48.0048, 57.1569, 69.3705

Sweetspot

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



60.6286, 57.1594, 72.8040



91.6181, 93.5583, 106.4548



53.8824, 53.6058, 75.9146



19.4760, 19.7742, 22.6889



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.



60.6286, 57.1594, 72.8040



81.6405, 74.9499, 98.9767



58.7592, 56.4116, 62.9598



13.5195, 13.2369, 15.9967



22.4662, 10.9875, 27.8985



1.4801, 0.7217, 1.9372

Inverse Universe

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



60.6286, 57.1594, 72.8040



81.6405, 74.9499, 98.9767



58.7451, 67.3221, 70.9708



13.5195, 13.2369, 15.9967



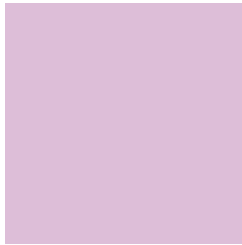
22.4662, 10.9875, 27.8985



1.4801, 0.7217, 1.9372

Previews

White Background



This preview shows how the XYZ color 60.6269, 57.1569, 72.8028 looks on a white background.

Color Contrast Check

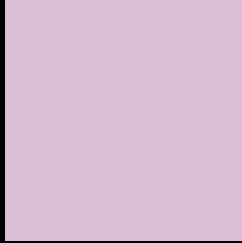
Large Text (above 18pt) WCAG AA × Fail

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 60.6269, 57.1569, 72.8028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

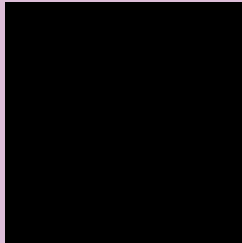
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.6269, 57.1569, 72.8028

Background



This preview shows how black text looks on a background with the XYZ color 60.6269, 57.1569, 72.8028.



This preview shows how white text looks on a background with the XYZ color 60.6269, 57.1569,

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

60.6269, 57.1569, 72.8028

Protanopia

56.0102, 57.3444, 76.5231

Deuteranopia

58.4215, 57.3388, 72.2783



Tritanopia

59.6273, 57.4199, 66.9719

Trichromacy



Original Color

60.6269, 57.1569, 72.8028

Protanomaly

57.4781, 57.1238, 75.0144

Deuteranomaly

59.3600, 57.4933, 72.2587

Tritanomaly

59.7789, 57.1304, 68.8493

Monochromacy



Original Color

60.6269, 57.1569, 72.8028

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.7511, 58.4485, 67.2694

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.6269, 57.1569, 72.8028 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, 190, 216)` looks like.

```
.text, #text, p{  
    color:rgb(221, 190, 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(221, 190, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 190, 216) }
```

Border

The CSS property to change the border of an element to XYZ 60.6269, 57.1569, 72.8028 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, 190, 216) }
```


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

```
.border{ border-color:rgb(221, 190, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 190, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 190, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 190, 216);  
box-shadow:4px 4px 4px 4px rgb(221, 190,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 60.6269, 57.1569, 72.8028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 190, 216) }
```

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

```
.background{ background-color: rgb(221,  
190, 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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