

Converting Colors

XYZ(60.7142, 58.4665, 71.8375)

Have a look what the booklet for
XYZ(60.7142, 58.4665, 71.8375)
contains.

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Color

**XYZ(60.6428, 58.4987,
71.7135)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | DBC2D6 |
| RGB | 219, 194, 214 |
| RGB Percent | 86%, 76%, 84% |
| CMY | 0.1412, 0.2392, 0.1608 |
| CMYK | 0.00, 0.11, 0.02, 0.14 |
| HSL | 312°, 26%, 81% |
| HSV | 312°, 11%, 86% |
| XYZ | 60.6428, 58.4987, 71.7135 |
| YIQ | 203.7550, 8.4800, 11.5200 |

Conversions

Conversions Part 2

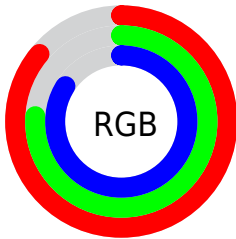
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 219, 194, 214 |
| Decimal | 14402262 |
| CIELab | 81.02, 12.28, -6.74 |
| CIELCh | 81, 14.005, 331.217 |
| Yxy | 58.4987, 0.3177, 0.3065 |
| Android (android.graphics.Color) | 4292592342 (0xFFDBC2D6) |
| YUV | 203.7550, 5.0508, 13.3699 |
| Hunter-Lab | 76.4844, 7.6809, -2.0525 |

Details

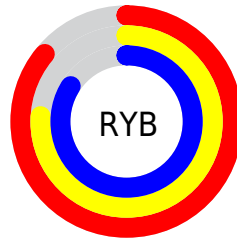
The XYZ color **60.6428, 58.4987, 71.7135** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.8907, 66.2575, 63.7738**, and the grayscale version is **57.2067, 60.1859, 65.5424**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **30.9459, 29.1519, 36.7967** is the 20% darker color. If you saturate the color by 10%, you get **55.5720, 49.2396, 67.3005**, and if you desaturate by 10%, it is **66.4504, 69.2055, 76.4477**.

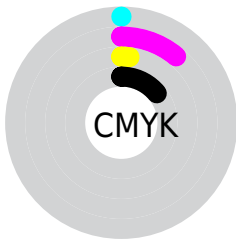
Distribution



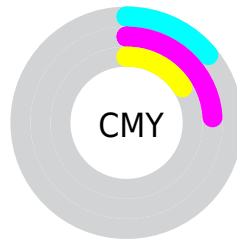
- Red (86%)
- Green (76%)
- Blue (84%)



- Red (86%)
- Yellow (76%)
- Blue (84%)



- Cyan (0%)
- Magenta (11%)
- Yellow (2%)
- Black (14%)



- Cyan (14%)
- Magenta (24%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.6428, 58.4987, 71.7135 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 60.6428, 58.4987, 71.7135 by changing the saturation by 10% instead.

60.6428, 58.4987,
71.7135

60.6428, 58.4987,
71.7135

416.7599,
419.0416, 485.4945

44.1884, 42.2097,
52.4393

104.8626,
102.6487, 123.3530

31.0172, 29.2655,
36.9707

133.3587,
131.2785, 156.5554

20.7638, 19.2818,
24.8892

166.5995,
164.7908, 195.2376

13.0630, 11.8741,
15.7762

204.9502,
203.5698, 239.8182

7.5492, 6.6580,
9.2133

248.7763,
248.0000, 290.7156

3.8572, 3.2491,
4.7819

298.4430,

1.6217, 1.2631,

298.4658, 348.3484

2.0634

354.3158,
355.3515, 413.1352

■ 0.4065, 0.1124,
0.5938

■ 0.0000, 0.0000,
0.0000

■ 60.6428, 58.4987,
71.7135

■ 60.6428, 58.4987,
71.7135

■ 55.5720, 49.2396,
67.3005

■ 66.4504, 69.2055,
76.4477

■ 51.2013, 41.3578,
63.1938

■ 73.0190, 81.4110,
81.5098

■ 47.4989, 34.7887,
59.3830

■ 78.8587, 92.1342,
86.4042

■ 44.4280, 29.4593,
55.8552

■ 79.4717, 92.3794,
89.6323

41.9487, 25.2896,
52.5965

80.1003, 92.6309,
92.9421

40.0161, 22.1903,
49.5914

80.7444, 92.8885,
96.3341

38.5789, 20.0587,
46.8220

81.4043, 93.1525,
99.8089

37.5756, 18.7723,
44.2674

82.0800, 93.4227,
103.3671

36.9708, 18.1631,
42.2149

82.7716, 93.6994,
107.0092

Harmonies

Analogous

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



58.5473, 58.4987, 78.3813



60.6428, 58.4987, 71.7135



61.3757, 58.4987, 63.3558

Triad

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



60.6428, 58.4987, 71.7135



55.4826, 58.4987, 49.0008



50.9591, 58.4987, 72.3526

Complementary

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



60.6428, 58.4987, 71.7135



57.8907, 66.2575, 63.7738

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.



50.2008, 58.4987, 64.0357



60.6428, 58.4987, 71.7135



52.7558, 58.4987, 50.9686

Square

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



60.6428, 58.4987, 71.7135



58.3347, 58.4987, 50.6761



50.8472, 58.4987, 56.2979



52.9545, 58.4987, 78.7723

Rectangle

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



60.6428, 58.4987, 71.7135



60.9735, 58.4987, 58.0784



50.8472, 58.4987, 56.2979



50.5543, 58.4987, 69.6628

Sweetspot

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



60.6445, 58.5012, 71.7148



92.4125, 95.1176, 106.8102



55.6336, 55.8431, 74.8653



19.6328, 20.0868, 22.7438



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.



60.6445, 58.5012, 71.7148



83.5713, 78.8483, 99.5068



59.1088, 57.8869, 63.6276



13.4969, 13.2279, 15.8781



21.9616, 10.7857, 25.2413



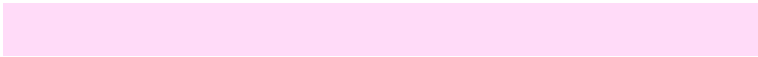
1.4517, 0.7103, 1.7878

Inverse Universe

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



60.6445, 58.5012, 71.7148



83.5713, 78.8483, 99.5068



59.4023, 66.8621, 71.7336



13.4969, 13.2279, 15.8781



21.9616, 10.7857, 25.2413



1.4517, 0.7103, 1.7878

Previews

White Background



This preview shows how the XYZ color 60.6428, 58.4987, 71.7135 looks on a white background.

Color Contrast Check

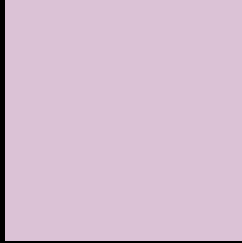
Large Text (above 18pt) WCAG AA × Fail

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 60.6428, 58.4987, 71.7135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

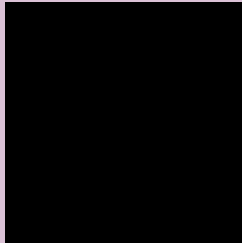
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.6428, 58.4987, 71.7135

Background



This preview shows how black text looks on a background with the XYZ color 60.6428, 58.4987, 71.7135.



This preview shows how white text looks on a background with the XYZ color 60.6428, 58.4987,

71.7135.

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

60.6428, 58.4987, 71.7135

Protanopia

57.1286, 58.6499, 74.6392

Deuteranopia

59.6770, 58.3323, 71.7323



Tritanopia

60.0614, 58.5888, 69.1160

Trichromacy



Original Color

60.6428, 58.4987, 71.7135

Protanomaly

58.4506, 58.6633, 73.8881

Deuteranomaly

59.9716, 58.4842, 71.7461

Tritanomaly

60.1864, 58.6388, 69.7743

Monochromacy



Original Color

60.6428, 58.4987, 71.7135

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

58.3339, 59.4179, 68.0688

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.6428, 58.4987, 71.7135 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, 194, 214)` looks like.

```
.text, #text, p{  
    color:rgb(219, 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(219, 194, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 194, 214) }
```

Border

The CSS property to change the border of an element to XYZ 60.6428, 58.4987, 71.7135 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, 194, 214) }
```


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

```
.border{ border-color:rgb(219, 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(219, 194, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 194, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 194, 214);  
box-shadow:4px 4px 4px 4px rgb(219, 194,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 60.6428, 58.4987, 71.7135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 194, 214) }
```

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

```
.background{ background-color: rgb(219,  
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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