

Converting Colors

XYZ(58.9231, 57.8945, 73.2761)

Have a look what the booklet for
XYZ(58.9231, 57.8945, 73.2761)
contains.

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Color

**XYZ(58.7737, 57.8370,
73.0317)**

Conversions

Conversions Part 1

Format	Color
Hex	D3C3D8
RGB	211, 195, 216
RGB Percent	83%, 76%, 85%
CMY	0.1725, 0.2353, 0.1529
CMYK	0.02, 0.10, 0.00, 0.15
HSL	286°, 21%, 81%
HSV	286°, 10%, 85%
XYZ	58.7737, 57.8370, 73.0317
YIQ	202.1780, 2.7950, 9.9230

Conversions

Conversions Part 2

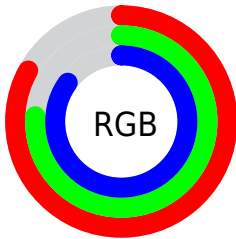
Format	Color
R _Y B	211, 195, 216
Decimal	13878232
CIE Lab	80.65, 9.39, -8.44
CIE LCh	81, 12.622, 318.060
Yxy	57.8370, 0.3099, 0.3050
Android (android.graphics.Color)	4292068312 (0xFFD3C3D8)
YUV	202.1780, 6.8142, 7.7369
Hunter-Lab	76.0506, 4.8603, -3.7009

Details

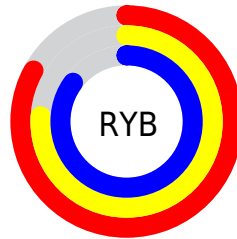
The XYZ color **58.7737, 57.8370, 73.0317** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.2279, 65.3328, 61.1743**, and the grayscale version is **56.2091, 59.1364, 64.3995**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **29.6682, 28.6909, 37.6924** is the 20% darker color. If you saturate the color by 10%, you get **52.8302, 48.1020, 71.4668**, and if you desaturate by 10%, it is **65.4678, 69.0014, 74.8347**.

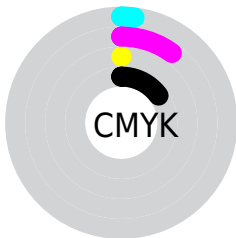
Distribution



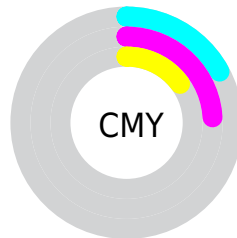
- Red (83%)
- Green (76%)
- Blue (85%)



- Red (83%)
- Yellow (76%)
- Blue (85%)



- Cyan (2%)
- Magenta (10%)
- Yellow (0%)
- Black (15%)



- Cyan (17%)
- Magenta (24%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.7737, 57.8370, 73.0317 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 58.7737, 57.8370, 73.0317 by changing the saturation by 10% instead.

■ 58.7737, 57.8370,
73.0317

■ 58.7737, 57.8370,
73.0317

409.9703,
416.5783, 490.1984

■ 42.6766, 41.6776,
53.5099

□ 102.1652,
101.6855, 125.2435

■ 29.8249, 28.8489,
37.8195

130.1904,
130.1433, 158.7707

■ 19.8531, 18.9666,
25.5419

162.9222,
163.4695, 197.8033

■ 12.3960, 11.6461,
16.2585

200.7262,
202.0483, 242.7601

■ 7.0881, 6.5032,
9.5510

243.9677,
246.2642, 294.0594

■ 3.5641, 3.1534,
5.0006

293.0119,

■ 1.4586, 1.2123,

296.5016, 352.1199

2.1888

348.2244,
353.1448, 417.3600

■ 0.2974, 0.0717,
0.6679

■ 0.0000, 0.0000,
0.0000

■ 58.7737, 57.8370,
73.0317

■ 58.7737, 57.8370,
73.0317

■ 52.8302, 48.1020,
71.4668

■ 65.4678, 69.0014,
74.8347

■ 47.6018, 39.7289,
70.1262

■ 72.9361, 81.6442,
76.8814

■ 43.0579, 32.6558,
69.0004

■ 79.6548, 92.7168,
78.6645

■ 39.1631, 26.8131,
68.0779

■ 81.2963, 93.5630,
78.7413

35.8790, 22.1244,
67.3460

82.9867, 94.4344,
78.8204

33.1629, 18.5050,
66.7906

84.7263, 95.3312,
78.9018

30.9661, 15.8580,
66.3954

86.5156, 96.2536,
78.9856

29.2308, 14.0689,
66.1416

88.3549, 97.2018,
79.0716

27.8574, 12.9389,
65.9958

89.3948, 97.7379,
79.1203

Harmonies

Analogous

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



56.5361, 57.8370, 77.5838



58.7737, 57.8370, 73.0317



60.0075, 57.8370, 65.9820

Triad

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



58.7737, 57.8370, 73.0317



56.0126, 57.8370, 49.9854



50.3571, 57.8370, 67.5163

Complementary

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



58.7737, 57.8370, 73.0317



58.2279, 65.3328, 61.1743

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.



50.2270, 57.8370, 60.0601



58.7737, 57.8370, 73.0317



53.4377, 57.8370, 50.3252

Square

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



58.7737, 57.8370, 73.0317



58.3801, 57.8370, 52.9181



51.3385, 57.8370, 53.8861



51.6998, 57.8370, 74.2308

Rectangle

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



58.7737, 57.8370, 73.0317



60.0698, 57.8370, 60.9893



51.3385, 57.8370, 53.8861



50.1717, 57.8370, 65.0026

Sweetspot

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



58.7754, 57.8395, 73.0330



91.9908, 94.8719, 108.0714



55.6150, 57.9871, 73.2280



19.5185, 20.0202, 23.0855



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.



58.7754, 57.8395, 73.0330



83.4230, 80.6506, 105.7780



59.5624, 58.3223, 69.5833



12.6506, 12.4768, 15.6790



16.5674, 7.6933, 39.0649



1.0705, 0.5008, 2.3595

Inverse Universe

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



58.2615, 57.8020, 62.7329



82.5244, 80.5950, 87.3180



57.5182, 64.8972, 64.2943



12.5433, 12.4688, 13.5351



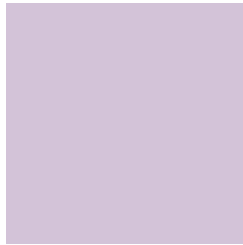
17.1567, 8.7990, 2.8634



1.0676, 0.5438, 0.3452

Previews

White Background



This preview shows how the XYZ color 58.7737, 57.8370, 73.0317 looks on a white background.

Color Contrast Check

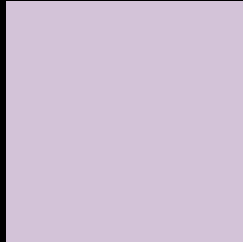
Large Text (above 18pt) WCAG AA × Fail

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 58.7737, 57.8370, 73.0317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

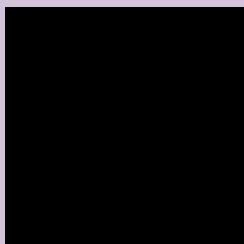
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

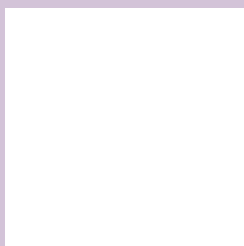
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.7737, 57.8370, 73.0317

Background



This preview shows how black text looks on a background with the XYZ color 58.7737, 57.8370, 73.0317.



This preview shows how white text looks on a background with the XYZ color 58.7737, 57.8370,

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

58.7737, 57.8370, 73.0317

Protanopia

56.3670, 57.9146, 74.5374

Deuteranopia

59.0612, 57.9851, 73.0451



Tritanopia

58.0761, 57.8846, 69.7399

Trichromacy



Original Color

58.7737, 57.8370, 73.0317

Protanomaly

57.3471, 58.0944, 73.8365

Deuteranomaly

59.0612, 57.9851, 73.0451

Tritanomaly

58.3285, 57.9856, 71.0689

Monochromacy



Original Color

58.7737, 57.8370, 73.0317

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.8627, 58.3310, 67.2935

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7737, 57.8370, 73.0317 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(211, 195, 216) looks like.

```
.text, #text, p{  
    color:rgb(211, 195, 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(211, 195, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 195, 216) }
```

Border

The CSS property to change the border of an element to XYZ 58.7737, 57.8370, 73.0317 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(211, 195, 216) }
```


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

```
.border{ border-color:rgb(211, 195, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 195, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 195, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 195, 216);  
box-shadow:4px 4px 4px 4px rgb(211, 195,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7737, 57.8370, 73.0317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 195, 216) }
```

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

```
.background{ background-color: rgb(211,  
195, 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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