

Converting Colors

XYZ(60.8526, 59.3489, 73.7241)

Have a look what the booklet for
XYZ(60.8526, 59.3489, 73.7241)
contains.

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Color

**XYZ(60.8796, 59.2413,
73.8717)**

Conversions

Conversions Part 1

Format	Color
Hex	D9C4D9
RGB	217, 196, 217
RGB Percent	85%, 77%, 85%
CMY	0.1490, 0.2314, 0.1490
CMYK	0.00, 0.10, 0.00, 0.15
HSL	300°, 22%, 81%
HSV	300°, 10%, 85%
XYZ	60.8796, 59.2413, 73.8717
YIQ	204.6730, 5.7750, 10.9830

Conversions

Conversions Part 2

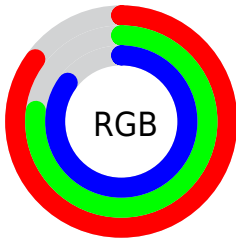
Format	Color
R _Y B	217, 196, 217
Decimal	14271705
CIE Lab	81.42, 11.07, -7.77
CIE LCh	81, 13.525, 324.952
Yxy	59.2413, 0.3138, 0.3054
Android (android.graphics.Color)	4292461785 (0xFFD9C4D9)
YUV	204.6730, 6.0772, 10.8108
Hunter-Lab	76.9684, 6.4933, -3.0267

Details

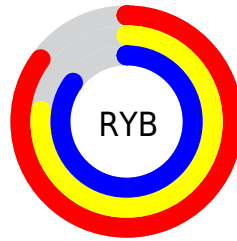
The XYZ color **60.8796, 59.2413, 73.8717** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.5439, 65.3487, 61.8083**, and the grayscale version is **57.7822, 60.7913, 66.2018**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **31.0949, 29.6360, 38.2639** is the 20% darker color. If you saturate the color by 10%, you get **56.3353, 50.1518, 72.3575**, and if you desaturate by 10%, it is **66.1353, 69.7518, 75.6244**.

Distribution



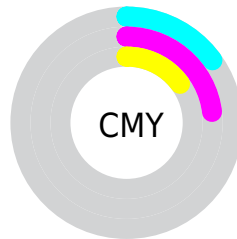
- Red (85%)
- Green (77%)
- Blue (85%)



- Red (85%)
- Yellow (77%)
- Blue (85%)



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



- Cyan (15%)
- Magenta (23%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.8796, 59.2413, 73.8717 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 60.8796, 59.2413, 73.8717 by changing the saturation by 10% instead.

60.8796, 59.2413,
73.8717

60.8796, 59.2413,
73.8717

417.6154,
421.7955, 493.1820

44.3802, 42.8074,
54.1929

105.2037,
103.7283, 126.4463

31.1687, 29.7340,
38.3617

133.7591,
132.5502, 160.1791

20.8798, 19.6368,
25.9595

167.0638,
166.2701, 199.4337

13.1481, 12.1313,
16.5679

205.4833,
205.2726, 244.6286

7.6083, 6.8332,
9.7682

249.3828,
249.9420, 296.1824

3.8950, 3.3580,
5.1419

299.1278,

1.6429, 1.3214,

300.6627, 354.5135

2.2706

355.0835,
357.8191, 420.0405

■ 0.4201, 0.1577,
0.7147

■ 0.0000, 0.0000,
0.0000

■ 60.8796, 59.2413,
73.8717

■ 60.8796, 59.2413,
73.8717

■ 56.3353, 50.1518,
72.3575

■ 66.1353, 69.7518,
75.6244

■ 52.4669, 42.4150,
71.0679

■ 72.1256, 81.7324,
77.6213

■ 49.2437, 35.9687,
69.9934

■ 76.9004, 91.2818,
79.2130

■ 46.6307, 30.7427,
69.1223

■ 76.9004, 91.2818,
79.2131

44.5893, 26.6600,
68.4418

76.9004, 91.2818,
79.2132

43.0769, 23.6353,
67.9375

76.9004, 91.2818,
79.2133

42.0447, 21.5708,
67.5933

76.9004, 91.2818,
79.2135

41.4348, 20.3511,
67.3899

76.9005, 91.2818,
79.2136

41.1477, 19.7770,
67.2941

76.9005, 91.2819,
79.2137

Harmonies

Analogous

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



58.6336, 59.2413, 79.6873



60.8796, 59.2413, 73.8717



61.9023, 59.2413, 65.8845

Triad

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



60.8796, 59.2413, 73.8717



56.7872, 59.2413, 50.1943



51.5169, 59.2413, 71.3026

Complementary

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



60.8796, 59.2413, 73.8717



57.5439, 65.3487, 61.8083

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.



51.0596, 59.2413, 63.1423



60.8796, 59.2413, 73.8717



54.0430, 59.2413, 51.3828

Square

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



60.8796, 59.2413, 73.8717



59.4896, 59.2413, 52.5700



51.9694, 59.2413, 55.9632



53.2402, 59.2413, 78.1191

Rectangle

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



60.8796, 59.2413, 73.8717



61.7287, 59.2413, 60.5665



51.9694, 59.2413, 55.9632



51.2126, 59.2413, 68.6079

Sweetspot

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



60.8813, 59.2439, 73.8730



92.6579, 95.2158, 108.1026



55.0319, 56.2283, 73.5993



19.6992, 20.1134, 23.0939



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.



60.8813, 59.2439, 73.8730



86.0532, 82.0066, 105.9009



59.5586, 58.7148, 66.9076



13.6144, 13.2749, 16.4969



24.9036, 11.9625, 40.7341



1.6134, 0.7750, 2.6390

Inverse Universe

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



60.8813, 59.2439, 73.8730



86.0532, 82.0066, 105.9009



58.7813, 65.8437, 68.3246



13.6144, 13.2749, 16.4969



24.9036, 11.9625, 40.7341



1.6134, 0.7750, 2.6390

Previews

White Background



This preview shows how the XYZ color 60.8796, 59.2413, 73.8717 looks on a white background.

Color Contrast Check

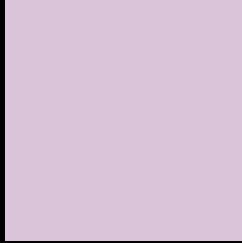
Large Text (above 18pt) WCAG AA × Fail

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 60.8796, 59.2413, 73.8717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

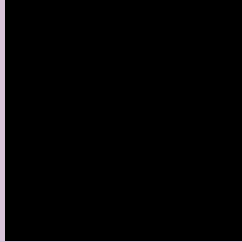
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.8796, 59.2413, 73.8717

Background



This preview shows how black text looks on a background with the XYZ color 60.8796, 59.2413, 73.8717.



This preview shows how white text looks on a background with the XYZ color 60.8796, 59.2413,

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

60.8796, 59.2413, 73.8717

Protanopia

57.8923, 59.3581, 76.1162

Deuteranopia

60.5150, 59.3893, 73.9194



Tritanopia

60.1688, 59.2849, 70.5592

Trichromacy



Original Color

60.8796, 59.2413, 73.8717

Protanomaly

58.9417, 59.2267, 75.3432

Deuteranomaly

60.8095, 59.5412, 73.9332

Tritanomaly

60.4228, 59.3865, 71.8964

Monochromacy



Original Color

60.8796, 59.2413, 73.8717

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.9236, 60.3998, 68.8743

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8796, 59.2413, 73.8717 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(217, 196, 217)` looks like.

```
.text, #text, p{  
    color:rgb(217, 196, 217)  
}
```

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(217, 196, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 196, 217) }
```

Border

The CSS property to change the border of an element to XYZ 60.8796, 59.2413, 73.8717 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(217, 196, 217) }
```


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

```
.border{ border-color:rgb(217, 196, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 196, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 196, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 196, 217); box-shadow:4px 4px 4px 4px rgb(217, 196, 217) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8796, 59.2413, 73.8717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 196, 217) }
```

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

```
.background{ background-color: rgb(217,  
196, 217) }
```

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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