

Converting Colors

XYZ(60.5897, 57.3574, 74.4475)

Have a look what the booklet for
XYZ(60.5897, 57.3574, 74.4475)
contains.

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Color

**XYZ(60.4991, 57.3836,
74.2172)**

Conversions

Conversions Part 1

Format	Color
Hex	DBBFDA
RGB	219, 191, 218
RGB Percent	86%, 75%, 85%
CMY	0.1412, 0.2510, 0.1451
CMYK	0.00, 0.13, 0.00, 0.14
HSL	302°, 28%, 80%
HSV	302°, 13%, 86%
XYZ	60.4991, 57.3836, 74.2172
YIQ	202.4500, 8.0210, 14.3330

Conversions

Conversions Part 2

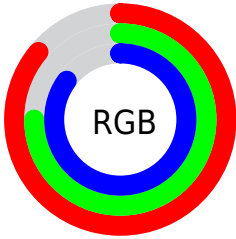
Format	Color
R _Y B	219, 191, 218
Decimal	14401498
CIE Lab	80.39, 14.61, -9.81
CIE LCh	80, 17.600, 326.105
Yxy	57.3836, 0.3149, 0.2987
Android (android.graphics.Color)	4292591578 (0xFFDDBBFDA)
YUV	202.4500, 7.6662, 14.5144
Hunter-Lab	75.7520, 9.9926, -5.0624

Details

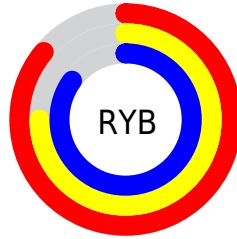
The XYZ color **60.4991, 57.3836, 74.2172** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **56.3340, 65.5468, 59.5548**, and the grayscale version is **56.3716, 59.3073, 64.5856**.

A 20% lighter version of the original color is **92.5508, 95.0015, 108.0669**, and **31.0092, 28.7138, 38.5583** is the 20% darker color. If you saturate the color by 10%, you get **55.9742, 48.4964, 72.2056**, and if you desaturate by 10%, it is **65.7419, 67.7042, 76.4718**.

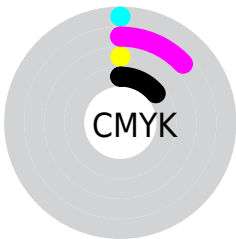
Distribution



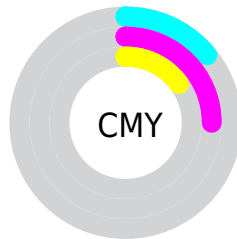
- Red (86%)
- Green (75%)
- Blue (85%)



- Red (86%)
- Yellow (75%)
- Blue (85%)



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



- Cyan (14%)
- Magenta (25%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.4991, 57.3836, 74.2172 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 60.4991, 57.3836, 74.2172 by changing the saturation by 10% instead.

60.4991, 57.3836,
74.2172

60.4991, 57.3836,
74.2172

416.2403,
414.8852, 494.4061

44.0720, 41.3133,
54.4740

104.6556,
101.0247, 126.9405

30.9253, 28.5640,
38.5850

133.1157,
129.3643, 160.7577

20.6935, 18.7512,
26.1317

166.3176,
162.5624, 200.1033

13.0113, 11.4907,
16.6955

204.6265,
201.0035, 245.3958

7.5134, 6.3979,
9.8580

248.4079,
245.0719, 297.0538

3.8344, 3.0885,
5.2005

298.0271,

1.6089, 1.1781,

295.1521, 355.4958

2.3046

353.8495,
351.6283, 421.1404

■ 0.3982, 0.0437,
0.7338

■ 0.0000, 0.0000,
0.0000

■ 60.4991, 57.3836,
74.2172

■ 60.4991, 57.3836,
74.2172

■ 55.9742, 48.4964,
72.2056

■ 65.7419, 67.7042,
76.4718

■ 52.1306, 40.9719,
70.4229

■ 71.7273, 79.5098,
78.9757

■ 48.9361, 34.7448,
68.8588

■ 77.9383, 91.7661,
81.5571

■ 46.3537, 29.7411,
67.5012

■ 78.0424, 91.8077,
82.1053

44.3429, 25.8800,
66.3365

78.1470, 91.8496,
82.6561

42.8583, 23.0704,
65.3496

78.2521, 91.8916,
83.2094

41.8475, 21.2077,
64.5229

78.3577, 91.9338,
83.7653

41.2474, 20.1656,
63.8355

78.4637, 91.9762,
84.3238

40.9940, 19.7724,
63.4008

78.5702, 92.0189,
84.8849

Harmonies

Analogous

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



57.6483, 57.3836, 82.0545



60.4991, 57.3836, 74.2172



61.7526, 57.3836, 63.8391

Triad

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



60.4991, 57.3836, 74.2172



55.0136, 57.3836, 44.6959



48.5512, 57.3836, 71.6284

Complementary

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



60.4991, 57.3836, 74.2172



56.3340, 65.5468, 59.5548

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.



47.9146, 57.3836, 61.1423



60.4991, 57.3836, 74.2172



51.5482, 57.3836, 46.2975

Square

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



60.4991, 57.3836, 74.2172



58.4986, 57.3836, 47.4105



48.9882, 57.3836, 52.0522



50.7668, 57.3836, 80.4480

Rectangle

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



60.4991, 57.3836, 74.2172



61.4750, 57.3836, 57.1350



48.9882, 57.3836, 52.0522



48.1498, 57.3836, 68.1505

Sweetspot

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



60.5008, 57.3861, 74.2184



91.8233, 93.6404, 107.5353



53.1408, 53.5767, 74.5593



19.5282, 19.7951, 22.9634



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.



60.5008, 57.3861, 74.2184



83.8192, 77.8892, 104.0749



58.7532, 56.6871, 65.0158



13.5932, 13.2664, 16.3852



24.3162, 11.7275, 37.6409



1.5817, 0.7623, 2.4724

Inverse Universe

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



60.5008, 57.3861, 74.2184



83.8192, 77.8892, 104.0749



57.9519, 66.1939, 68.0743



13.5932, 13.2664, 16.3852



24.3162, 11.7275, 37.6409



1.5817, 0.7623, 2.4724

Previews

White Background



This preview shows how the XYZ color 60.4991, 57.3836, 74.2172 looks on a white background.

Color Contrast Check

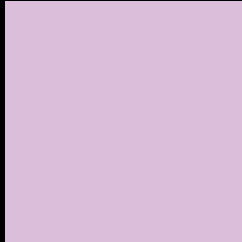
Large Text (above 18pt) WCAG AA × Fail

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 60.4991, 57.3836, 74.2172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

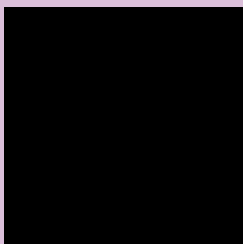
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.4991, 57.3836, 74.2172

Background



This preview shows how black text looks on a background with the XYZ color 60.4991, 57.3836, 74.2172.



This preview shows how white text looks on a background with the XYZ color 60.4991, 57.3836,

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

60.4991, 57.3836, 74.2172

Protanopia

56.2783, 57.4516, 77.9351

Deuteranopia

58.6801, 57.4422, 73.6403



Tritanopia

59.3686, 57.5994, 67.6632

Trichromacy



Original Color

60.4991, 57.3836, 74.2172

Protanomaly

57.4681, 57.0880, 76.3968

Deuteranomaly

59.3259, 57.4458, 73.6070

Tritanomaly

59.6467, 57.3582, 70.2149

Monochromacy



Original Color

60.4991, 57.3836, 74.2172

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.5917, 58.3521, 67.9022

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.4991, 57.3836, 74.2172 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, 191, 218)` looks like.

```
.text, #text, p{  
    color:rgb(219, 191, 218)  
}
```

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, 191, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 191, 218) }
```

Border

The CSS property to change the border of an element to XYZ 60.4991, 57.3836, 74.2172 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, 191, 218) }
```


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

```
.border{ border-color:rgb(219, 191, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 191, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 191, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 191, 218);  
box-shadow:4px 4px 4px 4px rgb(219, 191,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4991, 57.3836, 74.2172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 191, 218) }
```

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

```
.background{ background-color: rgb(219,  
191, 218) }
```

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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