

Converting Colors

XYZ(60.2493, 60.4516, 72.8458)

Have a look what the booklet for
XYZ(60.2493, 60.4516, 72.8458)
contains.

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Color

**XYZ(60.0714, 60.2119,
72.7459)**

Conversions

Conversions Part 1

Format	Color
Hex	D4C8D7
RGB	212, 200, 215
RGB Percent	83%, 78%, 84%
CMY	0.1686, 0.2157, 0.1569
CMYK	0.01, 0.07, 0.00, 0.16
HSL	288°, 16%, 81%
HSV	288°, 7%, 84%
XYZ	60.0714, 60.2119, 72.7459
YIQ	205.2980, 2.3370, 7.2090

Conversions

Conversions Part 2

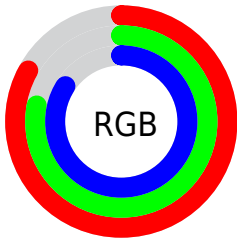
Format	Color
R_{YB}	212, 200, 215
Decimal	13945047
CIE Lab	81.95, 6.88, -5.96
CIE LCh	82, 9.098, 319.094
Yxy	60.2119, 0.3112, 0.3119
Android (android.graphics.Color)	4292135127 (0xFFD4C8D7)
YUV	205.2980, 4.7831, 5.8777
Hunter-Lab	77.5963, 2.3927, -1.2664

Details

The XYZ color **60.0714, 60.2119, 72.7459** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.3566, 65.4691, 64.1550**, and the grayscale version is **58.1889, 61.2193, 66.6678**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.5287, 30.2639, 37.4902** is the 20% darker color. If you saturate the color by 10%, you get **54.2153, 50.3150, 71.1452**, and if you desaturate by 10%, it is **66.6642, 71.5314, 74.5842**.

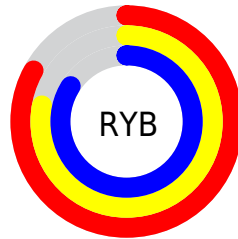
Distribution



Red (83%)

Green (78%)

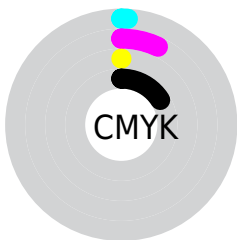
Blue (84%)



Red (83%)

Yellow (78%)

Blue (84%)

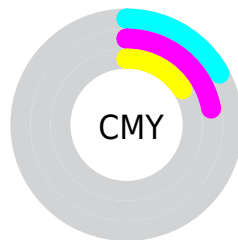


Cyan (1%)

Magenta (7%)

Yellow (0%)

Black (16%)



Cyan (17%)

Magenta (22%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.0714, 60.2119, 72.7459 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 60.0714, 60.2119, 72.7459 by changing the saturation by 10% instead.

■ 60.0714, 60.2119,
72.7459

■ 60.0714, 60.2119,
72.7459

414.6914,
425.3784, 489.1808

■ 43.7259, 43.5895,
53.2777

104.0390,
105.1370, 124.8340

■ 30.6520, 30.3479,
37.6352

132.3918,
134.2084, 158.2909

■ 20.4846, 20.1028,
25.4001

165.4777,
168.1983, 197.2478

■ 12.8581, 12.4698,
16.1536

203.6620,
207.4911, 242.1232

■ 7.4072, 7.0645,
9.4774

247.3102,
252.4710, 293.3357

■ 3.7666, 3.5025,
4.9528

296.7876,

■ 1.5710, 1.3993,

303.5227, 351.3037

2.1614

352.4596,
361.0303, 416.4459

■ 0.3734, 0.2162,
0.6519

■ 0.0000, 0.0000,
0.0000

■ 60.0714, 60.2119,
72.7459

■ 60.0714, 60.2119,
72.7459

■ 54.2153, 50.3150,
71.1452

■ 66.6642, 71.5314,
74.5842

■ 49.0614, 41.7746,
69.7683

■ 74.0161, 84.3206,
76.6653

■ 44.5800, 34.5311,
68.6064

■ 79.0473, 92.4185,
77.9632

■ 40.7374, 28.5173,
67.6481

■ 80.4043, 93.1180,
78.0267

37.4966, 23.6597,
66.8813

81.7954, 93.8352,
78.0918

34.8170, 19.8772,
66.2925

83.2207, 94.5700,
78.1585

32.6523, 17.0778,
65.8662

84.6805, 95.3225,
78.2268

30.9487, 15.1542,
65.5847

86.1751, 96.0930,
78.2967

29.6353, 13.9654,
65.4245

87.7046, 96.8815,
78.3683

Harmonies

Analogous

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



58.4483, 60.2119, 76.0909



60.0714, 60.2119, 72.7459



60.9397, 60.2119, 67.5855

Triad

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



60.0714, 60.2119, 72.7459



57.9324, 60.2119, 55.6975



53.8044, 60.2119, 69.0878

Complementary

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



60.0714, 60.2119, 72.7459



59.3566, 65.4691, 64.1550

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.



53.6733, 60.2119, 63.5764



60.0714, 60.2119, 72.7459



56.0279, 60.2119, 56.0495

Square

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



60.0714, 60.2119, 72.7459



59.6864, 60.2119, 57.8745



54.4789, 60.2119, 58.8646



54.8412, 60.2119, 73.8985

Rectangle

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



60.0714, 60.2119, 72.7459



60.9608, 60.2119, 63.9001



54.4789, 60.2119, 58.8646



53.6538, 60.2119, 67.2495

Sweetspot

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



60.0731, 60.2145, 72.7472



93.0702, 96.5961, 108.3473



57.5027, 60.0184, 72.8448



19.9416, 20.7112, 23.1966



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.



60.0731, 60.2145, 72.7472



87.3985, 86.9021, 106.7751



60.4070, 60.4489, 69.9494



12.6984, 12.5014, 15.6813



17.5996, 8.2254, 39.1132



1.1248, 0.5287, 2.3621

Inverse Universe

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



59.4602, 60.0701, 64.9637



86.3668, 86.6610, 93.5895



59.0511, 65.2534, 66.7694



12.5238, 12.4610, 13.4326



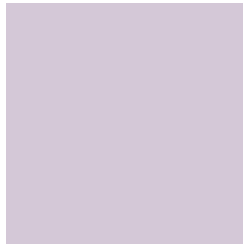
17.0532, 8.7576, 2.3183



1.0585, 0.5402, 0.2975

Previews

White Background



This preview shows how the XYZ color 60.0714, 60.2119, 72.7459 looks on a white background.

Color Contrast Check

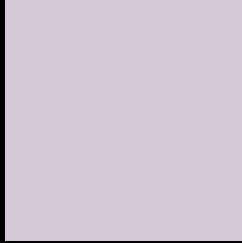
Large Text (above 18pt) WCAG AA × Fail

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 60.0714, 60.2119, 72.7459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

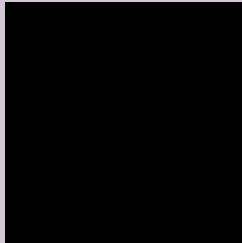
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.0714, 60.2119, 72.7459

Background



This preview shows how black text looks on a background with the XYZ color 60.0714, 60.2119, 72.7459.

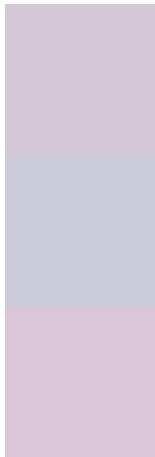


This preview shows how white text looks on a background with the XYZ color 60.0714, 60.2119,

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

60.0714, 60.2119, 72.7459

Protanopia

58.7822, 60.5590, 74.2365

Deuteranopia

61.3733, 60.1999, 72.6750



Tritanopia

60.2003, 60.2635, 73.4249

Trichromacy



Original Color

60.0714, 60.2119, 72.7459

Protanomaly

59.2473, 60.4643, 73.5139

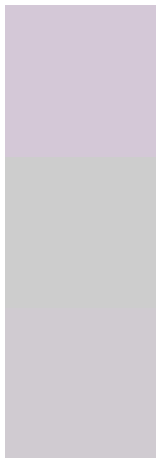
Deuteranomaly

61.0081, 60.3521, 72.7236

Tritanomaly

60.2003, 60.2635, 73.4249

Monochromacy



Original Color

60.0714, 60.2119, 72.7459

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.8770, 60.7252, 68.9396

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0714, 60.2119, 72.7459 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(212, 200, 215) looks like.

```
.text, #text, p{  
    color:rgb(212, 200, 215)  
}
```

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(212, 200, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 200, 215) }
```

Border

The CSS property to change the border of an element to XYZ 60.0714, 60.2119, 72.7459 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(212, 200, 215) }
```


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

```
.border{ border-color:rgb(212, 200, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 200, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 200, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 200, 215);  
box-shadow:4px 4px 4px 4px rgb(212, 200,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0714, 60.2119, 72.7459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 200, 215) }
```

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

```
.background{ background-color: rgb(212,  
200, 215) }
```

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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