

Converting Colors

XYZ(63.5184, 63.7027, 74.8177)

Have a look what the booklet for
XYZ(63.5184, 63.7027, 74.8177)
contains.

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Color

**XYZ(63.5691, 63.7325,
74.5968)**

Conversions

Conversions Part 1

Format	Color
Hex	DBCDD9
RGB	219, 205, 217
RGB Percent	86%, 80%, 85%
CMY	0.1412, 0.1961, 0.1490
CMYK	0.00, 0.06, 0.01, 0.14
HSL	309°, 16%, 83%
HSV	309°, 6%, 86%
XYZ	63.5691, 63.7325, 74.5968
YIQ	210.5540, 4.4920, 6.7000

Conversions

Conversions Part 2

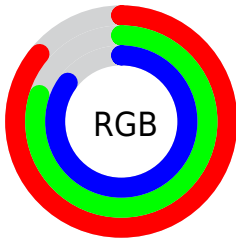
Format	Color
R _Y B	219, 205, 217
Decimal	14405081
CIE Lab	83.83, 6.97, -4.20
CIE LCh	84, 8.140, 328.951
Yxy	63.7325, 0.3149, 0.3157
Android (android.graphics.Color)	4292595161 (0xFFDBCDD9)
YUV	210.5540, 3.1779, 7.4071
Hunter-Lab	79.8326, 2.4288, 0.4814

Details

The XYZ color **63.5691, 63.7325, 74.5968** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.7732, 68.1488, 68.9330**, and the grayscale version is **61.6020, 64.8101, 70.5782**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.8980, 32.6344, 38.7476** is the 20% darker color. If you saturate the color by 10%, you get **58.2902, 53.8191, 70.8487**, and if you desaturate by 10%, it is **69.5926, 75.1209, 78.6327**.

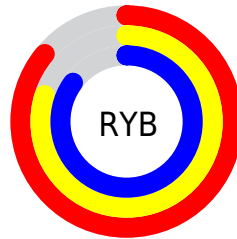
Distribution



Red (86%)

Green (80%)

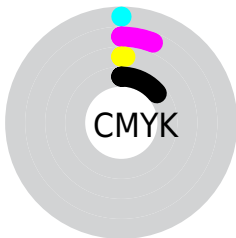
Blue (85%)



Red (86%)

Yellow (80%)

Blue (85%)

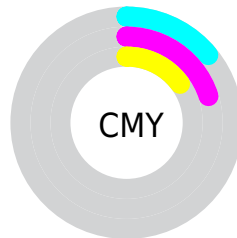


Cyan (0%)

Magenta (6%)

Yellow (1%)

Black (14%)



Cyan (14%)

Magenta (20%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.5691, 63.7325, 74.5968 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 63.5691, 63.7325, 74.5968 by changing the saturation by 10% instead.

63.5691, 63.7325,
74.5968

63.5691, 63.7325,
74.5968

427.2588,
438.2230, 495.7490

46.5621, 46.4340,
54.7829

109.0673,
110.2256, 127.4833

32.8961, 32.5885,
38.8305

138.2893,
140.1890, 161.3930

22.2057, 21.8114,
26.3211

172.3137,
175.1429, 200.8383

14.1256, 13.7184,
16.8361

211.5058,
215.4717, 246.2379

8.2904, 7.9250,
9.9570

256.2311,
261.5597, 298.0102

4.3347, 4.0470,
5.2652

306.8547,

1.8932, 1.6999,

313.7913, 356.5737

2.3422

363.7422,
372.5509, 422.3472

■ 0.5729, 0.4236,
0.7547

■ 0.0000, 0.0000,
0.0000

■ 63.5691, 63.7325,
74.5968

■ 63.5691, 63.7325,
74.5968

■ 58.2902, 53.8191,
70.8487

■ 69.5926, 75.1209,
78.6327

■ 53.7202, 45.3120,
67.3740

■ 76.3837, 88.0332,
82.9621

■ 49.8283, 38.1490,
64.1629

■ 78.7547, 92.0926,
85.8565

■ 46.5797, 32.2603,
61.2038

■ 79.1891, 92.2664,
88.1441

43.9361, 27.5697,
58.4836

79.6314, 92.4433,
90.4733

41.8554, 23.9928,
55.9880

80.0817, 92.6234,
92.8442

40.2899, 21.4345,
53.7010

80.5399, 92.8067,
95.2570

39.1840, 19.7833,
51.6038

81.0061, 92.9932,
97.7120

38.4674, 18.8990,
49.6727

81.4803, 93.1829,
100.2093

Harmonies

Analogous

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



62.2552, 63.7325, 78.3706



63.5691, 63.7325, 74.5968



64.0785, 63.7325, 69.5742

Triad

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



63.5691, 63.7325, 74.5968



60.6388, 63.7325, 60.0080



57.6171, 63.7325, 74.2697

Complementary

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



63.5691, 63.7325, 74.5968



61.7732, 68.1488, 68.9330

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.



57.2032, 63.7325, 69.2138



63.5691, 63.7325, 74.5968



58.9269, 63.7325, 61.1302

Square

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



63.5691, 63.7325, 74.5968



62.3663, 63.7325, 61.2960



57.6780, 63.7325, 64.4386



58.8200, 63.7325, 78.1753

Rectangle

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



63.5691, 63.7325, 74.5968



63.8858, 63.7325, 66.2452



57.6780, 63.7325, 64.4386



57.3822, 63.7325, 72.6407

Sweetspot

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



63.5709, 63.7353, 74.5982



93.3274, 96.7422, 107.7481



60.3151, 62.0266, 75.8120



19.9940, 20.7409, 23.0747



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.



63.5709, 63.7353, 74.5982



88.4181, 87.4815, 104.3917



62.6963, 63.3854, 69.9925



13.5302, 13.2412, 16.0533



22.7170, 11.0878, 29.2194



1.4941, 0.7273, 2.0109

Inverse Universe

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



63.5709, 63.7353, 74.5982



88.4181, 87.4815, 104.3917



62.6310, 68.4919, 73.4501



13.5302, 13.2412, 16.0533



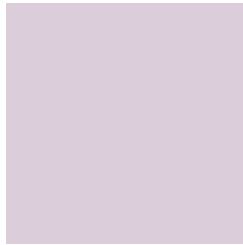
22.7170, 11.0878, 29.2194



1.4941, 0.7273, 2.0109

Previews

White Background



This preview shows how the XYZ color 63.5691, 63.7325, 74.5968 looks on a white background.

Color Contrast Check

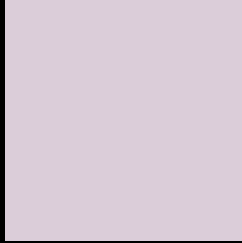
Large Text (above 18pt) WCAG AA × Fail

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 63.5691, 63.7325, 74.5968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

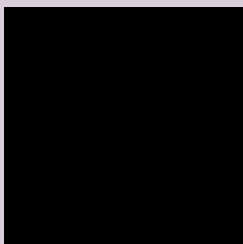
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

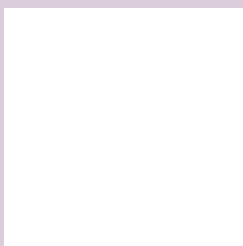
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.5691, 63.7325, 74.5968

Background



This preview shows how black text looks on a background with the XYZ color 63.5691, 63.7325, 74.5968.

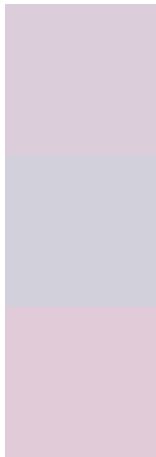


This preview shows how white text looks on a background with the XYZ color 63.5691, 63.7325,

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

63.5691, 63.7325, 74.5968

Protanopia

61.9204, 63.9279, 76.0936

Deuteranopia

64.9317, 63.7292, 74.5243



Tritanopia

64.1592, 63.6218, 77.3053

Trichromacy



Original Color

63.5691, 63.7325, 74.5968

Protanomaly

62.4083, 63.8337, 75.3615

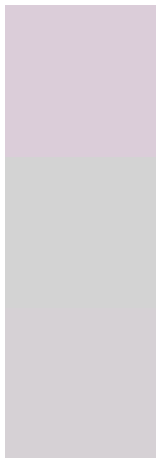
Deuteranomaly

64.5487, 63.8835, 74.5743

Tritanomaly

64.0263, 63.5687, 76.6056

Monochromacy



Original Color

63.5691, 63.7325, 74.5968

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.5423, 64.7012, 72.1430

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.5691, 63.7325, 74.5968 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, 205, 217)` looks like.

```
.text, #text, p{  
    color:rgb(219, 205, 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(219, 205, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 205, 217) }
```

Border

The CSS property to change the border of an element to XYZ 63.5691, 63.7325, 74.5968 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, 205, 217) }
```


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

```
.border{ border-color:rgb(219, 205, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 205, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 205, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 205, 217);  
box-shadow:4px 4px 4px 4px rgb(219, 205,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 63.5691, 63.7325, 74.5968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 205, 217) }
```

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

```
.background{ background-color: rgb(219,  
205, 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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