

Converting Colors

XYZ(64.2795, 63.8792, 84.5433)

Have a look what the booklet for
XYZ(64.2795, 63.8792, 84.5433)
contains.

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Color

**XYZ(64.2795, 63.8792,
84.5433)**

Conversions

Conversions Part 1

Format	Color
Hex	D7CDE7
RGB	215, 205, 231
RGB Percent	84%, 80%, 91%
CMY	0.1569, 0.1961, 0.0941
CMYK	0.07, 0.11, 0.00, 0.09
HSL	263°, 35%, 85%
HSV	263°, 11%, 91%
XYZ	64.2795, 63.8792, 84.5433
YIQ	210.9540, -2.3860, 10.2060

Conversions

Conversions Part 2

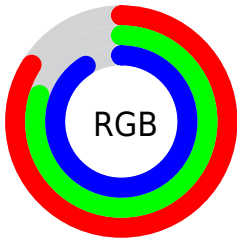
Format	Color
R _Y B	215, 205, 231
Decimal	14142951
CIE Lab	83.90, 8.27, -11.58
CIE LCh	84, 14.226, 305.526
Yxy	63.8792, 0.3022, 0.3003
Android (android.graphics.Color)	4292333031 (0xFFD7CDE7)
YUV	210.9540, 9.8827, 3.5483
Hunter-Lab	79.9245, 3.6914, -6.7692

Details

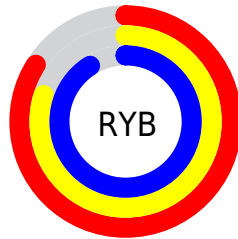
The XYZ color **64.2795, 63.8792, 84.5433** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **69.4163, 76.9333, 68.9516**, and the grayscale version is **61.8261, 65.0458, 70.8349**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.3017, 32.7019, 45.1144** is the 20% darker color. If you saturate the color by 10%, you get **55.1622, 51.5742, 82.6497**, and if you desaturate by 10%, it is **74.5792, 78.0082, 86.7286**.

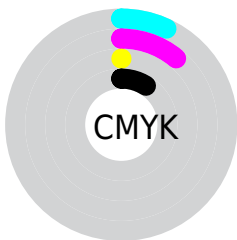
Distribution



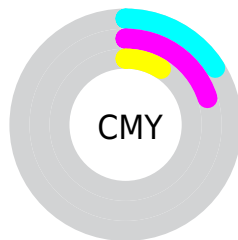
- Red (84%)
- Green (80%)
- Blue (91%)



- Red (84%)
- Yellow (80%)
- Blue (91%)



- Cyan (7%)
- Magenta (11%)
- Yellow (0%)
- Black (9%)



- Cyan (16%)
- Magenta (20%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.2795, 63.8792, 84.5433 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 64.2795, 63.8792, 84.5433 by changing the saturation by 10% instead.

■ 64.2795, 63.8792,
84.5433

■ 64.2795, 63.8792,
84.5433

429.7845,
438.7533, 530.2208

■ 47.1396, 46.5528,
62.9161

110.0849,
110.4369, 141.6034

■ 33.3544, 32.6823,
45.3328

139.4810,
140.4371, 177.8734

■ 22.5586, 21.8832,
31.3748

173.6933,
175.4307, 219.8614

■ 14.3869, 13.7711,
20.6235

213.0872,
215.8021, 267.9860

■ 8.4737, 7.9616,
12.6605

258.0278,
261.9356, 322.6657

■ 4.4539, 4.0704,
7.0672

308.8807,

■ 1.9620, 1.7130,

314.2157, 384.3190

3.4251

366.0111,
373.0268, 453.3645

■ 0.6125, 0.4321,
1.3156

■ 0.0000, 0.0000,
0.0745

■ 64.2795, 63.8792,
84.5433

■ 64.2795, 63.8792,
84.5433

■ 55.1622, 51.5742,
82.6497

■ 74.5792, 78.0082,
86.7286

■ 47.1767, 41.0092,
81.0313

■ 86.0978, 94.0244,
89.2129

■ 40.2772, 32.1053,
79.6764

■ 91.4240, 98.5496,
89.8057

■ 34.4123, 24.7746,
78.5705

■ 29.5259, 18.9205,
77.6981

■ 25.5562, 14.4357,
77.0417

■ 22.4332, 11.1974,
76.5812

■ 20.0748, 9.0594,
76.2928

■ 18.5280, 7.8853,
76.1477

Harmonies

Analogous

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



61.2966, 63.8792, 88.1562



64.2795, 63.8792, 84.5433



66.3585, 63.8792, 76.9402

Triad

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



64.2795, 63.8792, 84.5433



63.2425, 63.8792, 55.0177



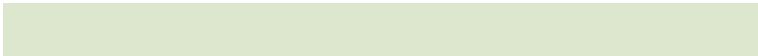
54.9204, 63.8792, 71.2265

Complementary

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



64.2795, 63.8792, 84.5433



69.4163, 76.9333, 68.9516

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.



55.4014, 63.8792, 62.6555



64.2795, 63.8792, 84.5433



60.1376, 63.8792, 53.7713

Square

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



64.2795, 63.8792, 84.5433



65.7455, 63.8792, 60.0123



57.2853, 63.8792, 56.4495



55.9484, 63.8792, 80.0561

Rectangle

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



64.2795, 63.8792, 84.5433



66.9143, 63.8792, 70.9065



57.2853, 63.8792, 56.4495



54.9114, 63.8792, 68.2180

Sweetspot

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



64.2814, 63.8819, 84.5447



90.9469, 94.3338, 108.0226



65.4681, 70.4813, 85.7560



19.2367, 19.8749, 23.0723



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.



64.2814, 63.8819, 84.5447



77.0736, 75.3682, 105.0930



68.2413, 65.9233, 84.7300



14.1042, 14.1560, 18.1333



10.5153, 4.4867, 42.6950



0.8782, 0.3837, 3.1597

Inverse Universe

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



67.8395, 65.8747, 77.5489



82.5676, 78.4468, 94.2215



65.6193, 74.9759, 68.7739



14.7479, 14.5164, 16.8729



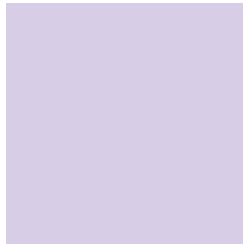
21.2816, 10.6469, 15.6439



1.6177, 0.8048, 1.3933

Previews

White Background



This preview shows how the XYZ color 64.2795, 63.8792, 84.5433 looks on a white background.

Color Contrast Check

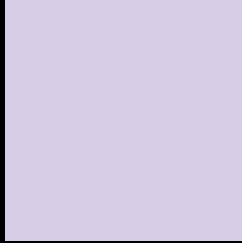
Large Text (above 18pt) WCAG AA × Fail

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 64.2795, 63.8792, 84.5433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

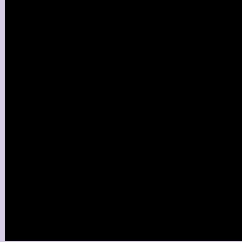
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.2795, 63.8792, 84.5433

Background



This preview shows how black text looks on a background with the XYZ color 64.2795, 63.8792, 84.5433.



This preview shows how white text looks on a background with the XYZ color 64.2795, 63.8792,

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

64.2795, 63.8792, 84.5433

Protanopia

62.7175, 64.1168, 86.1610

Deuteranopia

65.2301, 64.0153, 84.5195



Tritanopia

63.1221, 63.7665, 78.7933

Trichromacy



Original Color

64.2795, 63.8792, 84.5433

Protanomaly

63.1728, 64.0072, 85.3690

Deuteranomaly

64.9301, 63.8607, 84.5055

Tritanomaly

63.5303, 63.9297, 80.9428

Monochromacy



Original Color

64.2795, 63.8792, 84.5433

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.6067, 64.6599, 75.5106

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.2795, 63.8792, 84.5433 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(215, 205, 231) looks like.

```
.text, #text, p{  
    color:rgb(215, 205, 231)  
}
```

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(215, 205, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 205, 231) }
```

Border

The CSS property to change the border of an element to XYZ 64.2795, 63.8792, 84.5433 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(215, 205, 231) }
```


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

```
.border{ border-color:rgb(215, 205, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 205, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 205, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 205, 231);  
box-shadow:4px 4px 4px 4px rgb(215, 205,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 64.2795, 63.8792, 84.5433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 205, 231) }
```

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

```
.background{ background-color: rgb(215,  
205, 231) }
```

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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