

Converting Colors

XYZ(65.0165, 65.0321, 85.7110)

Have a look what the booklet for
XYZ(65.0165, 65.0321, 85.7110)
contains.

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Color

**XYZ(64.9026, 64.8989,
85.4499)**

Conversions

Conversions Part 1

Format	Color
Hex	D7CFE8
RGB	215, 207, 232
RGB Percent	84%, 81%, 91%
CMY	0.1569, 0.1882, 0.0902
CMYK	0.07, 0.11, 0.00, 0.09
HSL	259°, 35%, 86%
HSV	259°, 11%, 91%
XYZ	64.9026, 64.8989, 85.4499
YIQ	212.2420, -3.2570, 9.4710

Conversions

Conversions Part 2

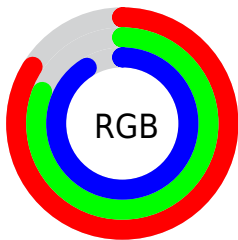
Format	Color
R _Y B	215, 207, 232
Decimal	14143464
CIE Lab	84.43, 7.40, -11.32
CIE LCh	84, 13.526, 303.174
Yxy	64.8989, 0.3015, 0.3015
Android (android.graphics.Color)	4292333544 (0xFFD7CFE8)
YUV	212.2420, 9.7407, 2.4188
Hunter-Lab	80.5599, 2.8278, -6.4971

Details

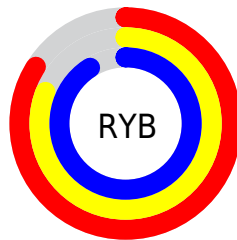
The XYZ color **64.9026, 64.8989, 85.4499** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.8619, 78.0672, 70.3683**, and the grayscale version is **62.6806, 65.9449, 71.8140**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.7249, 33.3906, 45.7418** is the 20% darker color. If you saturate the color by 10%, you get **55.2782, 52.1989, 83.5068**, and if you desaturate by 10%, it is **75.8035, 79.4864, 87.6920**.

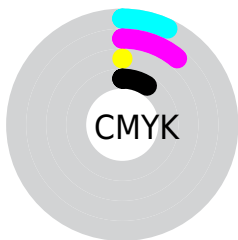
Distribution



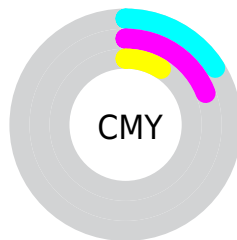
- Red (84%)
- Green (81%)
- Blue (91%)



- Red (84%)
- Yellow (81%)
- Blue (91%)



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



- Cyan (16%)
- Magenta (19%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.9026, 64.8989, 85.4499 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 64.9026, 64.8989, 85.4499 by changing the saturation by 10% instead.

64.9026, 64.8989,
85.4499

64.9026, 64.8989,
85.4499

431.9926,
442.4286, 533.2990

47.6465, 47.3791,
63.6609

110.9763,
111.9045, 142.8813

33.7571, 33.3355,
45.9316

140.5246,
142.1591, 179.3608

22.8691, 22.3835,
31.8436

174.9011,
177.4274, 221.5742

14.6170, 14.1390,
20.9782

214.4710,
218.0938, 269.9401

8.6356, 8.2174,
12.9170

259.5998,
264.5428, 324.8770

4.5595, 4.2344,
7.2414

310.6527,

2.0233, 1.8055,

317.1586, 386.8034

3.5328

367.9952,
376.3257, 456.1379

■ 0.6470, 0.4906,
1.3727

■ 0.0000, 0.0000,
0.1203

■ 64.9026, 64.8989,
85.4499

■ 64.9026, 64.8989,
85.4499

■ 55.2782, 52.1989,
83.5068

■ 75.8035, 79.4864,
87.6920

■ 46.8762, 41.3001,
81.8460

■ 88.0210, 96.0268,
90.2407

■ 39.6467, 32.1212,
80.4553

■ 91.5657, 98.6063,
90.5518

■ 33.5343, 24.5718,
79.3203

■ 28.4786, 18.5528,
78.4249

■ 24.4130, 13.9538,
77.7515

■ 21.2626, 10.6494,
77.2798

■ 18.9398, 8.4904,
76.9855

■ 17.4068, 7.2909,
76.8347

Harmonies

Analogous

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



62.0051, 64.8989, 88.5204



64.9026, 64.8989, 85.4499



66.9893, 64.8989, 78.4032

Triad

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



64.9026, 64.8989, 85.4499



64.3307, 64.8989, 56.8931



56.0896, 64.8989, 71.5846

Complementary

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



64.9026, 64.8989, 85.4499



70.8619, 78.0672, 70.3683

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.



56.6673, 64.8989, 63.4514



64.9026, 64.8989, 85.4499



61.3649, 64.8989, 55.3863

Square

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



64.9026, 64.8989, 85.4499



66.6517, 64.8989, 61.9849



58.5745, 64.8989, 57.6902



56.9704, 64.8989, 80.1174

Rectangle

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



64.9026, 64.8989, 85.4499



67.6053, 64.8989, 72.6504



58.5745, 64.8989, 57.6902



56.1198, 64.8989, 68.7139

Sweetspot

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



64.9045, 64.9016, 85.4513



90.7697, 94.2424, 108.0143



66.9779, 72.4498, 86.7990



19.1889, 19.8503, 23.0701



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.



64.9045, 64.9016, 85.4513



77.5581, 76.6150, 105.3082



68.6905, 66.8534, 85.6285



14.0147, 14.1098, 18.1291



9.7795, 4.1074, 42.6605



0.8167, 0.3520, 3.1569

Inverse Universe

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



69.0483, 67.1661, 79.8494



83.7106, 79.9786, 96.9279



67.1527, 76.1550, 70.1947



14.7886, 14.5326, 17.0874



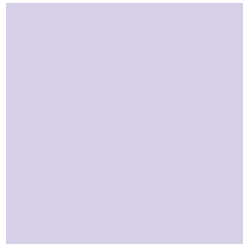
21.9505, 10.9144, 19.1662



1.6639, 0.8233, 1.6369

Previews

White Background



This preview shows how the XYZ color 64.9026, 64.8989, 85.4499 looks on a white background.

Color Contrast Check

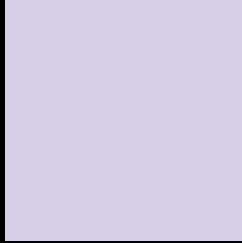
Large Text (above 18pt) WCAG AA × Fail

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 64.9026, 64.8989, 85.4499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

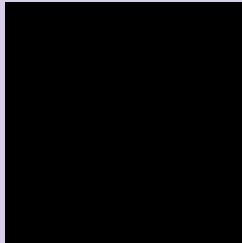
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.9026, 64.8989, 85.4499

Background



This preview shows how black text looks on a background with the XYZ color 64.9026, 64.8989, 85.4499.

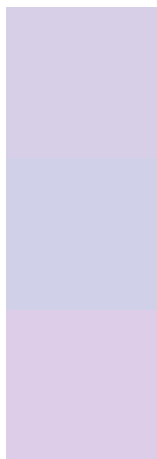


This preview shows how white text looks on a background with the XYZ color 64.9026, 64.8989,

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

64.9026, 64.8989, 85.4499

Protanopia

63.5209, 64.8940, 86.2687

Deuteranopia

66.2156, 64.8610, 85.3734



Tritanopia

63.8780, 64.8441, 80.3836

Trichromacy



Original Color

64.9026, 64.8989, 85.4499

Protanomaly

64.1278, 64.8438, 86.2270

Deuteranomaly

65.8502, 65.0289, 85.4251

Tritanomaly

64.2910, 65.0093, 82.5583

Monochromacy



Original Color

64.9026, 64.8989, 85.4499

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

63.2733, 65.3538, 76.2975

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.9026, 64.8989, 85.4499 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, 207, 232) looks like.

```
.text, #text, p{  
    color:rgb(215, 207, 232)  
}
```

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, 207, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 207, 232) }
```

Border

The CSS property to change the border of an element to XYZ 64.9026, 64.8989, 85.4499 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, 207, 232) }
```


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

```
.border{ border-color:rgb(215, 207, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 207, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 207, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 207, 232);  
box-shadow:4px 4px 4px 4px rgb(215, 207,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 64.9026, 64.8989, 85.4499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 207, 232) }
```

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

```
.background{ background-color: rgb(215,  
207, 232) }
```

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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