

Converting Colors

XYZ(64.5123, 65.3389, 72.8298)

Have a look what the booklet for
XYZ(64.5123, 65.3389, 72.8298)
contains.

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Color

**XYZ(64.5123, 65.3389,
72.8298)**

Conversions

Conversions Part 1

Format	Color
Hex	DDD0D6
RGB	221, 208, 214
RGB Percent	87%, 82%, 84%
CMY	0.1333, 0.1843, 0.1608
CMYK	0.00, 0.06, 0.03, 0.13
HSL	332°, 16%, 84%
HSV	332°, 6%, 87%
XYZ	64.5123, 65.3389, 72.8298
YIQ	212.5710, 5.8220, 4.6220

Conversions

Conversions Part 2

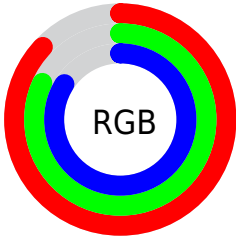
Format	Color
RYB	221, 208, 214
Decimal	14536918
CIELab	84.66, 5.54, -1.36
CIElCh	85, 5.705, 346.199
Yxy	65.3389, 0.3183, 0.3224
Android (android.graphics.Color)	4292726998 (0xFFDDD0D6)
YUV	212.5710, 0.7045, 7.3922
Hunter-Lab	80.8325, 1.0038, 3.1626

Details

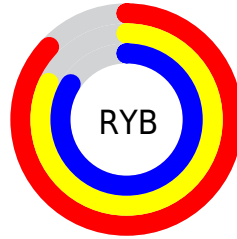
The XYZ color **64.5123, 65.3389, 72.8298** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.1371, 70.0309, 74.4304**, and the grayscale version is **62.9537, 66.2322, 72.1268**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.5395, 33.7214, 37.5420** is the 20% darker color. If you saturate the color by 10%, you get **58.0304, 54.7191, 63.4411**, and if you desaturate by 10%, it is **71.8598, 77.5104, 83.0568**.

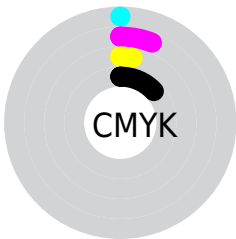
Distribution



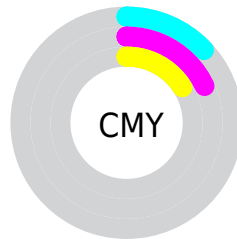
- Red (87%)
- Green (82%)
- Blue (84%)



- Red (87%)
- Yellow (82%)
- Blue (84%)



- Cyan (0%)
- Magenta (6%)
- Yellow (3%)
- Black (13%)



- Cyan (13%)
- Magenta (18%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.5123, 65.3389, 72.8298 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 64.5123, 65.3389, 72.8298 by changing the saturation by 10% instead.

64.5123, 65.3389,
72.8298

64.5123, 65.3389,
72.8298

430.6103,
444.0088, 489.4797

47.3290, 47.7359,
53.3458

110.4180,
112.5370, 124.9542

33.5048, 33.6178,
37.6893

139.8711,
142.9008, 158.4318

22.6745, 22.6002,
25.4417

174.1448,
178.2871, 197.4109

14.4727, 14.2985,
16.1844

213.6045,
219.0802, 242.3102

8.5341, 8.3286,
9.4990

258.6156,
265.6646, 293.5482

4.4932, 4.3059,
4.9668

309.5433,

1.9848, 1.8461,

318.4245, 351.5434

2.1694

366.7531,
377.7445, 416.7144

■ 0.6254, 0.5157,
0.6566

■ 0.0000, 0.0000,
0.0000

■ 64.5123, 65.3389,
72.8298

■ 64.5123, 65.3389,
72.8298

■ 58.0304, 54.7191,
63.4411

■ 71.8598, 77.5104,
83.0568

■ 52.3753, 45.5797,
54.8638

■ 80.0987, 91.2841,
94.1395

■ 47.5135, 37.8567,
47.0754

■ 82.7895, 93.7765,
103.9432

■ 43.4068, 31.4778,
40.0508

■ 83.6293, 94.1124,
108.3655

■ 40.0138, 26.3645,
33.7633

■ 37.2890, 22.4300,
28.1841

■ 35.1811, 19.5763,
23.2822

■ 33.6307, 17.6895,
19.0231

■ 32.5650, 16.6288,
15.3671

Harmonies

Analogous

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



63.8877, 65.3389, 76.1106



64.5123, 65.3389, 72.8298



64.4851, 65.3389, 69.2035

Triad

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



64.5123, 65.3389, 72.8298



61.4217, 65.3389, 64.6158



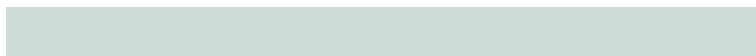
60.4224, 65.3389, 76.3280

Complementary

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



64.5123, 65.3389, 72.8298



64.1371, 70.0309, 74.4304

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.



59.7797, 65.3389, 73.1183



64.5123, 65.3389, 72.8298



60.3512, 65.3389, 66.3963

Square

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



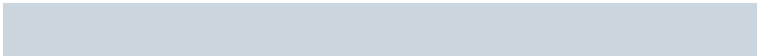
64.5123, 65.3389, 72.8298



62.6889, 65.3389, 64.5445



59.7538, 65.3389, 69.4824



61.5201, 65.3389, 78.1764

Rectangle

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



64.5123, 65.3389, 72.8298



64.1007, 65.3389, 67.0792



59.7538, 65.3389, 69.4824



60.1466, 65.3389, 75.3676

Sweetspot

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



64.5142, 65.3417, 72.8312



93.0054, 96.6134, 106.0522



63.6142, 64.7722, 77.5572



19.9284, 20.7147, 22.7295



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.



64.5142, 65.3417, 72.8312



88.1080, 88.5314, 99.1397



63.8679, 65.2525, 68.9066



13.5747, 13.5947, 15.2530



18.7703, 9.5091, 8.4362



1.2592, 0.6333, 0.7740

Inverse Universe

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



64.5142, 65.3417, 72.8312



88.1080, 88.5314, 99.1397



64.8078, 70.1164, 78.5258



13.5747, 13.5947, 15.2530



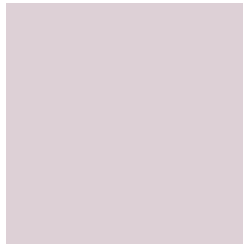
18.7703, 9.5091, 8.4362



1.2592, 0.6333, 0.7740

Previews

White Background



This preview shows how the XYZ color 64.5123, 65.3389, 72.8298 looks on a white background.

Color Contrast Check

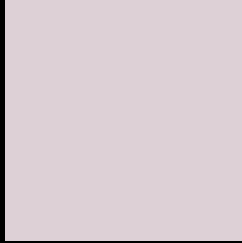
Large Text (above 18pt) WCAG AA × Fail

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 64.5123, 65.3389, 72.8298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

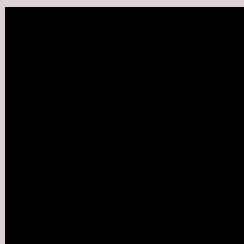
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

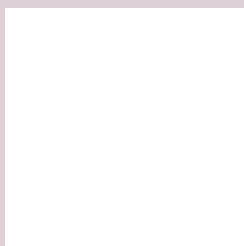
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.5123, 65.3389, 72.8298

Background



This preview shows how black text looks on a background with the XYZ color 64.5123, 65.3389, 72.8298.

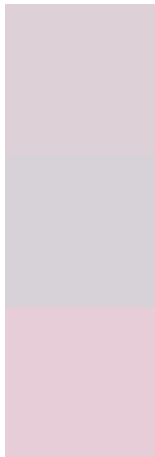


This preview shows how white text looks on a background with the XYZ color 64.5123, 65.3389,

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

64.5123, 65.3389, 72.8298

Protanopia

63.0439, 65.2956, 73.5705

Deuteranopia

66.7302, 65.3919, 73.3948



Tritanopia

65.7563, 65.4830, 78.9858

Trichromacy



Original Color

64.5123, 65.3389, 72.8298

Protanomaly

63.6815, 65.2589, 73.5298

Deuteranomaly

66.0156, 65.3798, 73.4301

Tritanomaly

65.3553, 65.3225, 76.8741

Monochromacy



Original Color

64.5123, 65.3389, 72.8298

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.6234, 65.9916, 72.3351

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.5123, 65.3389, 72.8298 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(221, 208, 214) looks like.

```
.text, #text, p{  
    color:rgb(221, 208, 214)  
}
```

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(221, 208, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 208, 214) }
```

Border

The CSS property to change the border of an element to XYZ 64.5123, 65.3389, 72.8298 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(221, 208, 214) }
```


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

```
.border{ border-color:rgb(221, 208, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 208, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 208, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 208, 214);  
box-shadow:4px 4px 4px 4px rgb(221, 208,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 64.5123, 65.3389, 72.8298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 208, 214) }
```

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

```
.background{ background-color: rgb(221,  
208, 214) }
```

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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