

Converting Colors

XYZ(64.1515, 65.5160, 72.8830)

Have a look what the booklet for
XYZ(64.1515, 65.5160, 72.8830)
contains.

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Color

**XYZ(64.1515, 65.5160,
72.8830)**

Conversions

Conversions Part 1

Format	Color
Hex	DBD1D6
RGB	219, 209, 214
RGB Percent	86%, 82%, 84%
CMY	0.1412, 0.1804, 0.1608
CMYK	0.00, 0.05, 0.02, 0.14
HSL	330°, 12%, 84%
HSV	330°, 5%, 86%
XYZ	64.1515, 65.5160, 72.8830
YIQ	212.5600, 4.3550, 3.6750

Conversions

Conversions Part 2

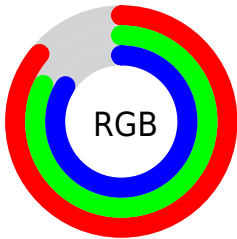
Format	Color
R _Y B	219, 209, 214
Decimal	14406102
CIE Lab	84.75, 4.33, -1.25
CIE LCh	85, 4.504, 343.929
Yxy	65.5160, 0.3167, 0.3235
Android (android.graphics.Color)	4292596182 (0xFFDBD1D6)
YUV	212.5600, 0.7099, 5.6479
Hunter-Lab	80.9420, -0.1761, 3.2726

Details

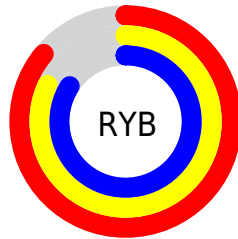
The XYZ color **64.1515, 65.5160, 72.8830** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.7661, 69.0752, 73.5938**, and the grayscale version is **62.9470, 66.2252, 72.1192**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.2892, 33.8384, 37.5778** is the 20% darker color. If you saturate the color by 10%, you get **57.7916, 54.9595, 64.0917**, and if you desaturate by 10%, it is **71.3478, 77.5929, 82.4189**.

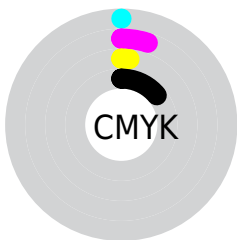
Distribution



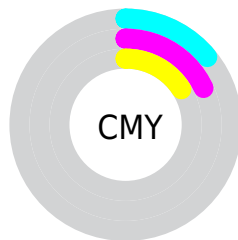
- Red (86%)
- Green (82%)
- Blue (84%)



- Red (86%)
- Yellow (82%)
- Blue (84%)



- Cyan (0%)
- Magenta (5%)
- Yellow (2%)
- Black (14%)



- Cyan (14%)
- Magenta (18%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.1515, 65.5160, 72.8830 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 64.1515, 65.5160, 72.8830 by changing the saturation by 10% instead.

■ 64.1515, 65.5160,
72.8830

■ 64.1515, 65.5160,
72.8830

429.3301,
444.6439, 489.6691

■ 47.0355, 47.8796,
53.3891

109.9016,
112.7914, 125.0305

■ 33.2718, 33.7316,
37.7236

139.2665,
143.1992, 158.5211

■ 22.4950, 22.6874,
25.4681

173.4450,
178.6329, 197.5143

■ 14.3397, 14.3629,
16.2039

212.8025,
219.4769, 242.4288

■ 8.4406, 8.3735,
9.5127

257.7045,
266.1156, 293.6829

■ 4.4323, 4.3349,
4.9757

308.5161,

■ 1.9495, 1.8626,

318.9334, 351.6953

2.1745

365.6029,
378.3147, 416.8846

■ 0.6054, 0.5257,
0.6596

■ 0.0000, 0.0000,
0.0000

■ 64.1515, 65.5160,
72.8830

■ 64.1515, 65.5160,
72.8830

■ 57.7916, 54.9595,
64.0917

■ 71.3478, 77.5929,
82.4189

■ 52.2307, 45.8544,
56.0211

■ 79.4050, 91.2389,
92.7140

■ 47.4369, 38.1387,
48.6520

■ 81.7414, 93.2873,
101.5838

■ 43.3737, 31.7428,
41.9627

■ 83.0239, 93.8003,
108.3372

■ 40.0017, 26.5910,
35.9300

■ 37.2774, 22.5999,
30.5291

■ 35.1522, 19.6754,
25.7331

■ 33.5700, 17.7090,
21.5121

■ 32.4625, 16.5683,
17.8316

Harmonies

Analogous

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



63.6249, 65.5160, 75.4074



64.1515, 65.5160, 72.8830



64.1706, 65.5160, 70.0083

Triad

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



64.1515, 65.5160, 72.8830



61.8057, 65.5160, 66.0842



60.8859, 65.5160, 75.2553

Complementary

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



64.1515, 65.5160, 72.8830



63.7661, 69.0752, 73.5938

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.



60.4092, 65.5160, 72.6799



64.1515, 65.5160, 72.8830



60.9364, 65.5160, 67.4134

Square

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



64.1515, 65.5160, 72.8830



62.8089, 65.5160, 66.1352



60.4276, 65.5160, 69.8106



61.7361, 65.5160, 76.8021

Rectangle

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



64.1515, 65.5160, 72.8830



63.8926, 65.5160, 68.2830



60.4276, 65.5160, 69.8106



60.6771, 65.5160, 74.4782

Sweetspot

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



64.1534, 65.5188, 72.8844



94.0372, 98.3019, 107.5527



63.3206, 65.0146, 76.2306



20.1385, 21.0585, 23.0349



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.



64.1534, 65.5188, 72.8844



90.1066, 91.7292, 102.2706



63.5248, 65.2674, 69.5746



13.8645, 14.0553, 15.7160



19.0289, 9.6126, 9.7981



1.2763, 0.6401, 0.8638

Inverse Universe

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



64.1534, 65.5188, 72.8844



90.1066, 91.7292, 102.2706



64.4142, 69.3344, 77.0068



13.8645, 14.0553, 15.7160



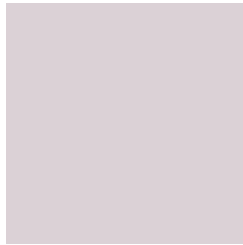
19.0289, 9.6126, 9.7981



1.2763, 0.6401, 0.8638

Previews

White Background



This preview shows how the XYZ color 64.1515, 65.5160, 72.8830 looks on a white background.

Color Contrast Check

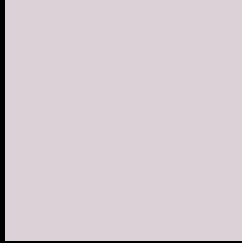
Large Text (above 18pt) WCAG AA × Fail

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 64.1515, 65.5160, 72.8830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

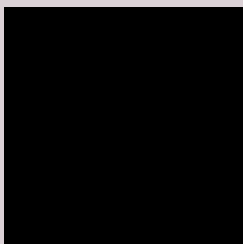
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

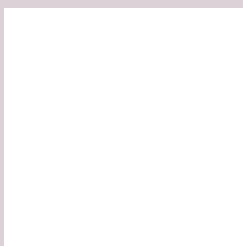
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.1515, 65.5160, 72.8830

Background



This preview shows how black text looks on a background with the XYZ color 64.1515, 65.5160, 72.8830.

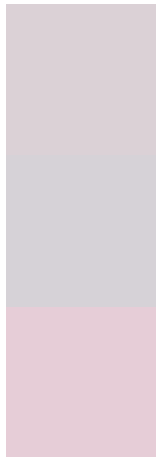


This preview shows how white text looks on a background with the XYZ color 64.1515, 65.5160,

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

64.1515, 65.5160, 72.8830

Protanopia

63.0439, 65.2956, 73.5705

Deuteranopia

66.7302, 65.3919, 73.3948



Tritanopia

65.2826, 65.2231, 79.6696

Trichromacy



Original Color

64.1515, 65.5160, 72.8830

Protanomaly

63.6312, 65.5984, 73.5980

Deuteranomaly

65.7011, 65.2177, 73.4154

Tritanomaly

64.9893, 65.4947, 76.9266

Monochromacy



Original Color

64.1515, 65.5160, 72.8830

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.5781, 66.3381, 72.4044

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.1515, 65.5160, 72.8830 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, 209, 214) looks like.

```
.text, #text, p{  
    color:rgb(219, 209, 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(219, 209, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 209, 214) }
```

Border

The CSS property to change the border of an element to XYZ 64.1515, 65.5160, 72.8830 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, 209, 214) }
```


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

```
.border{ border-color:rgb(219, 209, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 209, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 209, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 209, 214);  
box-shadow:4px 4px 4px 4px rgb(219, 209,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 64.1515, 65.5160, 72.8830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 209, 214) }
```

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

```
.background{ background-color: rgb(219,  
209, 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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