

Converting Colors

XYZ(64.7578, 65.6152, 71.9093)

Have a look what the booklet for
XYZ(64.7578, 65.6152, 71.9093)
contains.

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Color

**XYZ(64.6903, 65.4454,
72.1735)**

Conversions

Conversions Part 1

Format	Color
Hex	DED0D5
RGB	222, 208, 213
RGB Percent	87%, 82%, 84%
CMY	0.1294, 0.1843, 0.1647
CMYK	0.00, 0.06, 0.04, 0.13
HSL	339°, 17%, 84%
HSV	339°, 6%, 87%
XYZ	64.6903, 65.4454, 72.1735
YIQ	212.7560, 6.7390, 4.5230

Conversions

Conversions Part 2

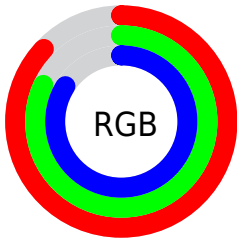
Format	Color
R_{YB}	222, 208, 213
Decimal	14602453
CIE Lab	84.71, 5.71, -0.74
CIE LCh	85, 5.756, 352.617
Yxy	65.4454, 0.3198, 0.3235
Android (android.graphics.Color)	4292792533 (0xFFDED0D5)
YUV	212.7560, 0.1203, 8.1070
Hunter-Lab	80.8983, 1.1653, 3.7332

Details

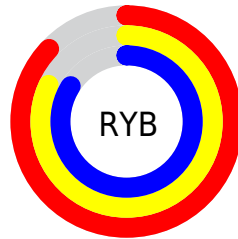
The XYZ color **64.6903, 65.4454, 72.1735** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.6605, 70.6639, 75.8805**, and the grayscale version is **63.0804, 66.3655, 72.2721**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.6635, 33.7953, 37.0966** is the 20% darker color. If you saturate the color by 10%, you get **57.9195, 54.6763, 61.3673**, and if you desaturate by 10%, it is **72.3819, 77.7991, 84.0752**.

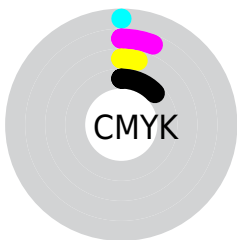
Distribution



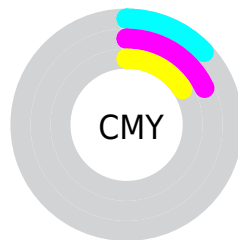
- Red (87%)
- Green (82%)
- Blue (84%)



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



- Cyan (0%)
- Magenta (6%)
- Yellow (4%)
- Black (13%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.6903, 65.4454, 72.1735 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 64.6903, 65.4454, 72.1735 by changing the saturation by 10% instead.

64.6903, 65.4454,
72.1735

64.6903, 65.4454,
72.1735

431.2410,
444.3908, 487.1390

47.4738, 47.8223,
52.8127

110.6727,
112.6900, 124.0132

33.6199, 33.6862,
37.2666

140.1692,
143.0802, 157.3292

22.7632, 22.6526,
25.1166

174.4898,
178.4951, 196.1340

14.5385, 14.3372,
15.9441

213.9998,
219.3188, 240.8461

8.5803, 8.3556,
9.3307

259.0646,
265.9358, 291.8841

4.5234, 4.3233,
4.8577

310.0495,

2.0023, 1.8560,

318.7306, 349.6666

2.1068

367.3198,
378.0875, 414.6121

■ 0.6352, 0.5217,
0.6198

■ 0.0000, 0.0000,
0.0000

■ 64.6903, 65.4454,
72.1735

■ 64.6903, 65.4454,
72.1735

■ 57.9195, 54.6763,
61.3673

■ 72.3819, 77.7991,
84.0752

■ 52.0286, 45.4192,
51.6203

■ 81.0222, 91.7894,
97.0987

■ 46.9816, 37.6081,
42.9005

■ 83.9346, 94.2698,
108.3798

■ 42.7382, 31.1692,
35.1722

■ 39.2541, 26.0218,
28.3979

■ 36.4811, 22.0769,
22.5372

■ 34.3646, 19.2340,
17.5464

■ 32.8417, 17.3760,
13.3773

■ 31.8345, 16.3562,
9.9750

Harmonies

Analogous

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



64.1909, 65.4454, 75.6488



64.6903, 65.4454, 72.1735



64.5162, 65.4454, 68.5682

Triad

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



64.6903, 65.4454, 72.1735



61.2571, 65.4454, 64.9152



60.7136, 65.4454, 77.0397

Complementary

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



64.6903, 65.4454, 72.1735



64.6605, 70.6639, 75.8805

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.



59.9475, 65.4454, 74.0192



64.6903, 65.4454, 72.1735



60.2583, 65.4454, 67.0422

Square

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



64.6903, 65.4454, 72.1735



62.5224, 65.4454, 64.4594



59.7820, 65.4454, 70.3521



61.8864, 65.4454, 78.5206

Rectangle

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



64.6903, 65.4454, 72.1735



64.0427, 65.4454, 66.5674



59.7820, 65.4454, 70.3521



60.4006, 65.4454, 76.1659

Sweetspot

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



64.6922, 65.4482, 72.1749



92.9210, 96.5797, 105.6078



64.3186, 65.1200, 78.2876



19.9112, 20.7078, 22.6390



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.



64.6922, 65.4482, 72.1749



86.8433, 86.8516, 96.0987



64.5252, 66.1138, 69.0382



13.9084, 13.7810, 15.2876



18.7851, 9.5810, 5.5341



1.3438, 0.6808, 0.6031

Inverse Universe

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



64.6922, 65.4482, 72.1749



86.8433, 86.8516, 96.0987



64.8275, 69.9420, 79.1915



13.9084, 13.7810, 15.2876



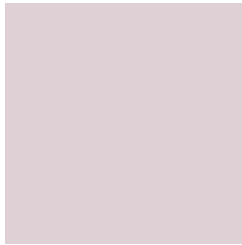
18.7851, 9.5810, 5.5341



1.3438, 0.6808, 0.6031

Previews

White Background



This preview shows how the XYZ color 64.6903, 65.4454, 72.1735 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 64.6903, 65.4454, 72.1735 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

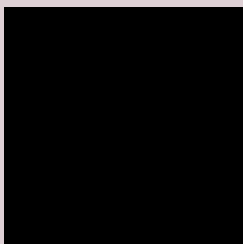
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

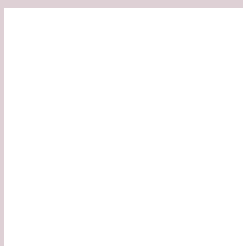
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.6903, 65.4454, 72.1735

Background



This preview shows how black text looks on a background with the XYZ color 64.6903, 65.4454, 72.1735.

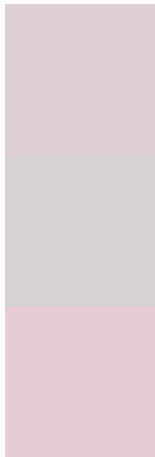


This preview shows how white text looks on a background with the XYZ color 64.6903, 65.4454,

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

64.6903, 65.4454, 72.1735

Protanopia

62.9157, 65.2444, 72.8957

Deuteranopia

66.9239, 65.5066, 72.7351



Tritanopia

65.8220, 65.1583, 78.9197

Trichromacy



Original Color

64.6903, 65.4454, 72.1735

Protanomaly

63.5533, 65.2077, 72.8550

Deuteranomaly

66.2038, 65.4916, 72.7702

Tritanomaly

65.5304, 65.4281, 76.1929

Monochromacy



Original Color

64.6903, 65.4454, 72.1735

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 64.6903, 65.4454, 72.1735 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(222, 208, 213) looks like.

```
.text, #text, p{  
    color:rgb(222, 208, 213)  
}
```

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(222, 208, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 208, 213) }
```

Border

The CSS property to change the border of an element to XYZ 64.6903, 65.4454, 72.1735 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(222, 208, 213) }
```


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

```
.border{ border-color:rgb(222, 208, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 208, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 208, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 208, 213);  
box-shadow:4px 4px 4px 4px rgb(222, 208,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 64.6903, 65.4454, 72.1735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 208, 213) }
```

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

```
.background{ background-color: rgb(222,  
208, 213) }
```

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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