

Converting Colors

XYZ(65.6910, 65.9169, 74.2267)

Have a look what the booklet for
XYZ(65.6910, 65.9169, 74.2267)
contains.

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Color

**XYZ(65.6910, 65.9169,
74.2267)**

Conversions

Conversions Part 1

Format	Color
Hex	E0D0D8
RGB	224, 208, 216
RGB Percent	88%, 82%, 85%
CMY	0.1216, 0.1843, 0.1529
CMYK	0.00, 0.07, 0.04, 0.12
HSL	330°, 21%, 85%
HSV	330°, 7%, 88%
XYZ	65.6910, 65.9169, 74.2267
YIQ	213.6960, 6.9680, 5.8800

Conversions

Conversions Part 2

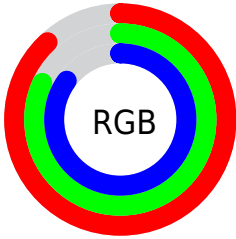
Format	Color
R_{YB}	224, 208, 216
Decimal	14733528
CIE _{Lab}	84.95, 6.92, -1.96
CIE _{LCh}	85, 7.197, 344.182
Yxy	65.9169, 0.3191, 0.3202
Android (android.graphics.Color)	4292923608 (0xFFE0D0D8)
YUV	213.6960, 1.1359, 9.0366
Hunter-Lab	81.1892, 2.3450, 2.6270

Details

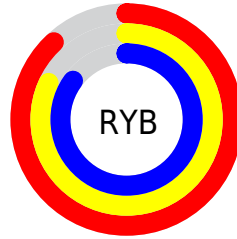
The XYZ color **65.6910, 65.9169, 74.2267** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.0652, 71.6808, 75.3757**, and the grayscale version is **63.7031, 67.0206, 72.9855**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.3508, 34.1194, 38.4934** is the 20% darker color. If you saturate the color by 10%, you get **59.2119, 55.1972, 65.1637**, and if you desaturate by 10%, it is **73.0439, 78.2244, 84.0698**.

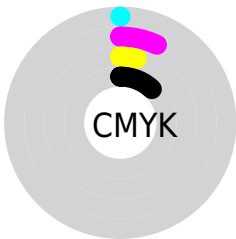
Distribution



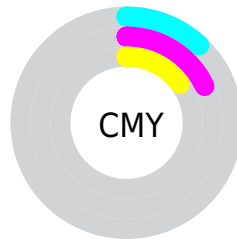
- Red (88%)
- Green (82%)
- Blue (85%)



- Red (88%)
- Yellow (82%)
- Blue (85%)



- Cyan (0%)
- Magenta (7%)
- Yellow (4%)
- Black (12%)



- Cyan (12%)
- Magenta (18%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.6910, 65.9169, 74.2267 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 65.6910, 65.9169, 74.2267 by changing the saturation by 10% instead.

65.6910, 65.9169,
74.2267

65.6910, 65.9169,
74.2267

434.7771,
446.0796, 494.4397

48.2884, 48.2049,
54.4817

112.1029,
113.3671, 126.9541

34.2675, 33.9892,
38.5911

141.8429,
143.8740, 160.7736

23.2631, 22.8853,
26.1364

176.4261,
179.4148, 200.1217

14.9096, 14.5088,
16.6990

216.2178,
220.3738, 245.4169

8.8419, 8.4754,
9.8605

261.5834,
267.1354, 297.0778

4.6945, 4.4006,
5.2021

312.8882,

2.1020, 1.9001,

320.0840, 355.5228

2.3055

370.4977,
379.6039, 421.1706

■ 0.6903, 0.5484,
0.7343

■ 0.0000, 0.0000,
0.0000

■ 65.6910, 65.9169,
74.2267

■ 65.6910, 65.9169,
74.2267

■ 59.2119, 55.1972,
65.1637

■ 73.0439, 78.2244,
84.0698

■ 53.5668, 45.9917,
56.8555

■ 81.2972, 92.1723,
94.7088

■ 48.7212, 38.2335,
49.2814

■ 83.6950, 94.2451,
103.9016

■ 44.6360, 31.8475,
42.4182

■ 84.5509, 94.5875,
108.4086

■ 41.2683, 26.7517,
36.2409

■ 38.5710, 22.8555,
30.7228

■ 36.4909, 20.0560,
25.8347

■ 34.9659, 18.2329,
21.5440

■ 33.9151, 17.2284,
17.8112

Harmonies

Analogous

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



64.8438, 65.9169, 78.3485



65.6910, 65.9169, 74.2267



65.7147, 65.9169, 69.6130

Triad

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



65.6910, 65.9169, 74.2267



61.8934, 65.9169, 63.4816



60.4489, 65.9169, 78.1580

Complementary

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



65.6910, 65.9169, 74.2267



65.0652, 71.6808, 75.3757

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.



59.6860, 65.9169, 73.9758



65.6910, 65.9169, 74.2267



60.5102, 65.9169, 65.5748

Square

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



65.6910, 65.9169, 74.2267



63.5033, 65.9169, 63.5423



59.7083, 65.9169, 69.3726



61.8084, 65.9169, 80.6839

Rectangle

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



65.6910, 65.9169, 74.2267



65.2592, 65.9169, 66.8854



59.7083, 65.9169, 69.3726



60.1153, 65.9169, 76.8916

Sweetspot

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



65.6929, 65.9198, 74.2281



93.0366, 96.6259, 106.2164



64.3317, 65.0956, 79.6960



19.9348, 20.7173, 22.7629



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.



65.6929, 65.9198, 74.2281



86.3674, 85.5041, 97.1601



64.6838, 65.5161, 68.9146



13.9916, 13.8143, 15.7257



19.6528, 9.9281, 10.1032



1.4074, 0.7062, 0.9383

Inverse Universe

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



65.6929, 65.9198, 74.2281



86.3674, 85.5041, 97.1601



66.1246, 72.1045, 80.9543



13.9916, 13.8143, 15.7257



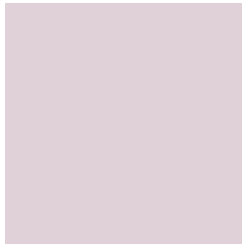
19.6528, 9.9281, 10.1032



1.4074, 0.7062, 0.9383

Previews

White Background



This preview shows how the XYZ color 65.6910, 65.9169, 74.2267 looks on a white background.

Color Contrast Check

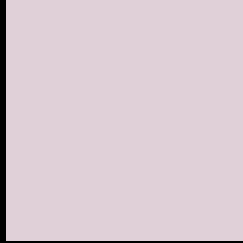
Large Text (above 18pt) WCAG AA × Fail

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 65.6910, 65.9169, 74.2267 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 65.6910, 65.9169, 74.2267

Background



This preview shows how black text looks on a background with the XYZ color 65.6910, 65.9169, 74.2267.



This preview shows how white text looks on a background with the XYZ color 65.6910, 65.9169,

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

65.6910, 65.9169, 74.2267

Protanopia

63.6807, 65.9466, 75.7023

Deuteranopia

67.4210, 66.0894, 74.1688



Tritanopia

66.6834, 65.9609, 79.0292

Trichromacy



Original Color

65.6910, 65.9169, 74.2267

Protanomaly

64.4844, 66.0084, 74.9878

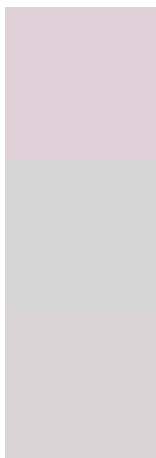
Deuteranomaly

66.7024, 66.0775, 74.2044

Tritanomaly

66.2824, 65.8005, 76.9175

Monochromacy



Original Color

65.6910, 65.9169, 74.2267

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

64.7227, 66.8987, 73.7915

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.6910, 65.9169, 74.2267 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(224, 208, 216) looks like.

```
.text, #text, p{  
    color:rgb(224, 208, 216)  
}
```

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(224, 208, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 208, 216) }
```

Border

The CSS property to change the border of an element to XYZ 65.6910, 65.9169, 74.2267 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(224, 208, 216) }
```


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

```
.border{ border-color:rgb(224, 208, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 208, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 208, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 208, 216);  
box-shadow:4px 4px 4px 4px rgb(224, 208,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 65.6910, 65.9169, 74.2267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 208, 216) }
```

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

```
.background{ background-color: rgb(224,  
208, 216) }
```

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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