

Converting Colors

XYZ(65.8614, 64.7353, 74.1275)

Have a look what the booklet for
XYZ(65.8614, 64.7353, 74.1275)
contains.

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Color

**XYZ(65.6661, 64.4745,
73.9496)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | E3CCD8 |
| RGB | 227, 204, 216 |
| RGB Percent | 89%, 80%, 85% |
| CMY | 0.1098, 0.2000, 0.1529 |
| CMYK | 0.00, 0.10, 0.05, 0.11 |
| HSL | 329°, 29%, 85% |
| HSV | 329°, 10%, 89% |
| XYZ | 65.6661, 64.4745, 73.9496 |
| YIQ | 212.2450, 9.8560, 8.6080 |

Conversions

Conversions Part 2

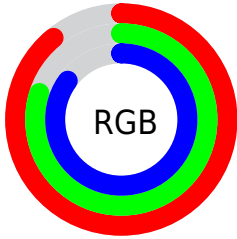
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 227, 204, 216 |
| Decimal | 14929112 |
| CIE _{Lab} | 84.21, 10.07, -3.02 |
| CIE _{LCh} | 84, 10.510, 343.292 |
| Yxy | 64.4745, 0.3218, 0.3159 |
| Android (android.graphics.Color) | 4293119192 (0xFFE3CCD8) |
| YUV | 212.2450, 1.8512, 12.9401 |
| Hunter-Lab | 80.2960, 5.4593, 1.6034 |

Details

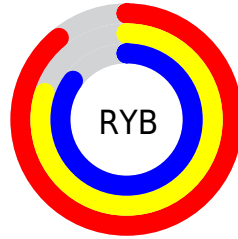
The XYZ color **65.6661, 64.4745, 73.9496** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.6392, 72.6836, 74.9160**, and the grayscale version is **62.7273, 65.9940, 71.8674**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.3526, 33.1566, 38.3075** is the 20% darker color. If you saturate the color by 10%, you get **59.3017, 53.9178, 65.1298**, and if you desaturate by 10%, it is **72.9133, 76.6466, 83.5230**.

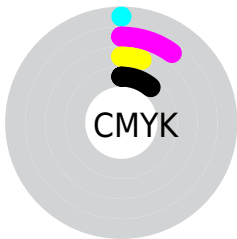
Distribution



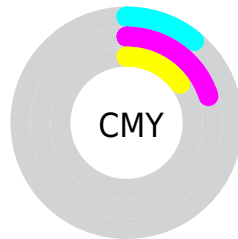
- Red (89%)
- Green (80%)
- Blue (85%)



- Red (89%)
- Yellow (80%)
- Blue (85%)



- Cyan (0%)
- Magenta (10%)
- Yellow (5%)
- Black (11%)



- Cyan (11%)
- Magenta (20%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.6661, 64.4745, 73.9496 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 65.6661, 64.4745, 73.9496 by changing the saturation by 10% instead.

65.6661, 64.4745,
73.9496

65.6661, 64.4745,
73.9496

434.6893,
440.9011, 493.4582

48.2681, 47.0351,
54.2563

112.0674,
111.2940, 126.5577

34.2514, 33.0634,
38.4120

141.8013,
141.4429, 160.3096

23.2506, 22.1750,
25.9983

176.3780,
176.5971, 199.5847

14.9004, 13.9856,
16.5966

216.1627,
217.1410, 244.8017

8.8353, 8.1106,
9.7884

261.5208,
263.4589, 296.3789

4.6902, 4.1658,
5.1551

312.8177,

2.0995, 1.7667,

315.9353, 354.7351

2.2782

370.4188,
374.9546, 420.2886

■ 0.6890, 0.4663,
0.7190

■ 0.0000, 0.0000,
0.0000

■ 65.6661, 64.4745,
73.9496

■ 65.6661, 64.4745,
73.9496

■ 59.3017, 53.9178,
65.1298

■ 72.9133, 76.6466,
83.5230

■ 53.7789, 44.8996,
57.0387

■ 81.0714, 90.4900,
93.8654

■ 49.0614, 37.3493,
49.6560

■ 84.4718, 94.6643,
103.0965

■ 45.1080, 31.1875,
42.9586

■ 85.4890, 95.0711,
108.4526

■ 41.8736, 26.3272,
36.9218

■ 39.3081, 22.6713,
31.5190

■ 37.3544, 20.1091,
26.7208

■ 35.9450, 18.5091,
22.4938

■ 34.9738, 17.6491,
18.8332

Harmonies

Analogous

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



64.3999, 64.4745, 79.9454



65.6661, 64.4745, 73.9496



65.7384, 64.4745, 67.2973

Triad

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



65.6661, 64.4745, 73.9496



60.2583, 64.4745, 58.4575



58.0825, 64.4745, 79.3581

Complementary

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



65.6661, 64.4745, 73.9496



64.6392, 72.6836, 74.9160

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.



57.0299, 64.4745, 73.1886



65.6661, 64.4745, 73.9496



58.2646, 64.4745, 61.2838

Square

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



65.6661, 64.4745, 73.9496



62.5761, 64.4745, 58.6326



57.0957, 64.4745, 66.5828



60.0040, 64.4745, 83.2007

Rectangle

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



65.6661, 64.4745, 73.9496



65.0967, 64.4745, 63.4019



57.0957, 64.4745, 66.5828



57.6175, 64.4745, 77.4713

Sweetspot

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



65.6679, 64.4773, 73.9510



92.0743, 94.9823, 105.0292



63.4065, 63.1417, 81.5196



19.5413, 20.0502, 22.2624



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.



65.6679, 64.4773, 73.9510



83.7854, 81.0994, 93.9587



64.2650, 63.9161, 66.5633



14.6894, 14.4930, 16.5650



20.4560, 10.3166, 11.2961



1.5585, 0.7811, 1.0817

Inverse Universe

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



65.6679, 64.4773, 73.9510



83.7854, 81.0994, 93.9587



66.1325, 73.2809, 82.7796



14.6894, 14.4930, 16.5650



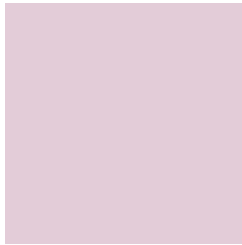
20.4560, 10.3166, 11.2961



1.5585, 0.7811, 1.0817

Previews

White Background



This preview shows how the XYZ color 65.6661, 64.4745, 73.9496 looks on a white background.

Color Contrast Check

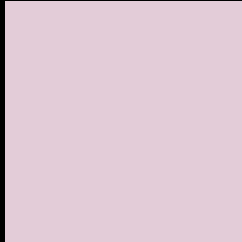
Large Text (above 18pt) WCAG AA × Fail

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 65.6661, 64.4745, 73.9496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

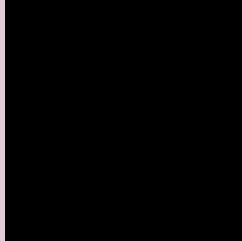
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.6661, 64.4745, 73.9496

Background



This preview shows how black text looks on a background with the XYZ color 65.6661, 64.4745, 73.9496.



This preview shows how white text looks on a background with the XYZ color 65.6661, 64.4745,

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

65.6661, 64.4745, 73.9496

Protanopia

62.4506, 64.5643, 76.1885

Deuteranopia

65.9824, 64.6376, 73.9644



Tritanopia

65.8207, 64.1572, 75.9323

Trichromacy



Original Color

65.6661, 64.4745, 73.9496

Protanomaly

63.5830, 64.4393, 75.4165

Deuteranomaly

65.9824, 64.6376, 73.9644

Tritanomaly

65.6894, 64.1047, 75.2409

Monochromacy



Original Color

65.6661, 64.4745, 73.9496

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

63.4260, 65.1567, 72.1844

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.6661, 64.4745, 73.9496 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(227, 204, 216)` looks like.

```
.text, #text, p{  
    color:rgb(227, 204, 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(227, 204, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 204, 216) }
```

Border

The CSS property to change the border of an element to XYZ 65.6661, 64.4745, 73.9496 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(227, 204, 216) }
```


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

```
.border{ border-color:rgb(227, 204, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 204, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 204, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 204, 216);  
box-shadow:4px 4px 4px 4px rgb(227, 204,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 65.6661, 64.4745, 73.9496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 204, 216) }
```

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

```
.background{ background-color: rgb(227,  
204, 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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