

Converting Colors

XYZ(65.2497, 64.2916, 75.7658)

Have a look what the booklet for
XYZ(65.2497, 64.2916, 75.7658)
contains.

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Color

**XYZ(65.1195, 64.1475,
75.9674)**

Conversions

Conversions Part 1

Format	Color
Hex	E0CCDB
RGB	224, 204, 219
RGB Percent	88%, 80%, 86%
CMY	0.1216, 0.2000, 0.1412
CMYK	0.00, 0.09, 0.02, 0.12
HSL	315°, 24%, 84%
HSV	315°, 9%, 88%
XYZ	65.1195, 64.1475, 75.9674
YIQ	211.6900, 7.1050, 8.9050

Conversions

Conversions Part 2

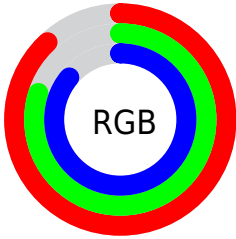
Format	Color
R _Y B	224, 204, 219
Decimal	14732507
CIE Lab	84.04, 9.57, -4.90
CIE LCh	84, 10.749, 332.888
Yxy	64.1475, 0.3173, 0.3126
Android (android.graphics.Color)	4292922587 (0xFFE0CCDB)
YUV	211.6900, 3.6038, 10.7959
Hunter-Lab	80.0921, 4.9695, -0.1721

Details

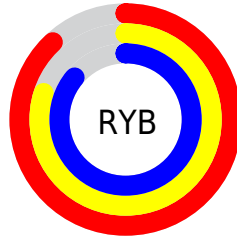
The XYZ color **65.1195, 64.1475, 75.9674** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.0685, 70.7538, 70.6577**, and the grayscale version is **62.3486, 65.5956, 71.4336**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.9694, 32.9280, 39.6873** is the 20% darker color. If you saturate the color by 10%, you get **59.4492, 53.9663, 70.5008**, and if you desaturate by 10%, it is **71.5840, 75.8755, 81.8227**.

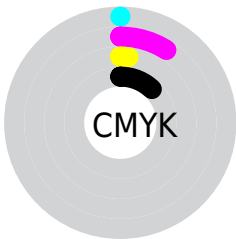
Distribution



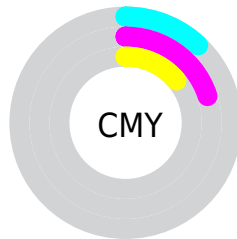
- Red (88%)
- Green (80%)
- Blue (86%)



- Red (88%)
- Yellow (80%)
- Blue (86%)



- Cyan (0%)
- Magenta (9%)
- Yellow (2%)
- Black (12%)



- Cyan (12%)
- Magenta (20%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.1195, 64.1475, 75.9674 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 65.1195, 64.1475, 75.9674 by changing the saturation by 10% instead.

65.1195, 64.1475,
75.9674

65.1195, 64.1475,
75.9674

432.7597,
439.7221, 500.5800

47.8230, 46.7702,
55.8993

111.2864,
110.8233, 129.4405

33.8974, 32.8540,
39.7187

140.8875,
140.8906, 163.6825

22.9773, 22.0146,
27.0072

175.3210,
175.9566, 203.4863

14.6974, 13.8676,
17.3461

214.9520,
216.4058, 249.2704

8.6922, 8.0287,
10.3170

260.1461,
262.6226, 301.4532

4.5965, 4.1133,
5.5013

311.2685,

2.0448, 1.7371,

314.9913, 360.4534

2.4805

368.6846,
373.8963, 426.6895

■ 0.6589, 0.4475,
0.8298

■ 0.0000, 0.0000,
0.0000

■ 65.1195, 64.1475,
75.9674

■ 65.1195, 64.1475,
75.9674

■ 59.4492, 53.9663,
70.5008

■ 71.5840, 75.8755,
81.8227

■ 54.5348, 45.2585,
65.4067

■ 78.8680, 89.2033,
88.0739

■ 50.3430, 37.9571,
60.6735

■ 81.6128, 93.4123,
92.9369

■ 46.8359, 31.9864,
56.2873

■ 82.4387, 93.7426,
97.2861

43.9720, 27.2640,
52.2331

83.2903, 94.0833,
101.7709

41.7051, 23.6980,
48.4942

84.1680, 94.4343,
106.3924

39.9829, 21.1838,
45.0519

84.5509, 94.5875,
108.4086

38.7432, 19.5980,
41.8842

37.8902, 18.7490,
38.9577

Harmonies

Analogous

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



63.4797, 64.1475, 81.3950



65.1195, 64.1475, 75.9674



65.6383, 64.1475, 69.1899

Triad

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



65.1195, 64.1475, 75.9674



60.7409, 64.1475, 57.5990



57.2211, 64.1475, 77.1789

Complementary

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



65.1195, 64.1475, 75.9674



63.0685, 70.7538, 70.6577

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.



56.5290, 64.1475, 70.5057



65.1195, 64.1475, 75.9674



58.5278, 64.1475, 59.4441

Square

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



65.1195, 64.1475, 75.9674



63.0719, 64.1475, 58.8553



57.0012, 64.1475, 64.0621



58.9159, 64.1475, 82.1257

Rectangle

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



65.1195, 64.1475, 75.9674



65.2680, 64.1475, 64.8892



57.0012, 64.1475, 64.0621



56.8654, 64.1475, 75.0485

Sweetspot

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



65.1214, 64.1503, 75.9688



92.3514, 95.0932, 106.4887



61.3445, 62.1261, 79.2802



19.6162, 20.0802, 22.6568



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.



65.1214, 64.1503, 75.9688



85.6366, 82.9473, 100.2927



63.8441, 63.6394, 69.2431



14.1409, 13.8740, 16.5122



22.0550, 10.8890, 22.7530



1.5638, 0.7688, 1.7620

Inverse Universe

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



65.1214, 64.1503, 75.9688



85.6366, 82.9473, 100.2927



64.3458, 71.2647, 77.3835



14.1409, 13.8740, 16.5122



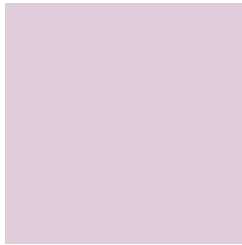
22.0550, 10.8890, 22.7530



1.5638, 0.7688, 1.7620

Previews

White Background



This preview shows how the XYZ color 65.1195, 64.1475, 75.9674 looks on a white background.

Color Contrast Check

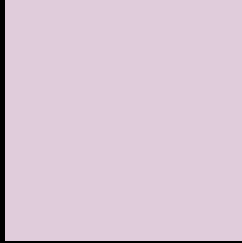
Large Text (above 18pt) WCAG AA × Fail

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 65.1195, 64.1475, 75.9674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

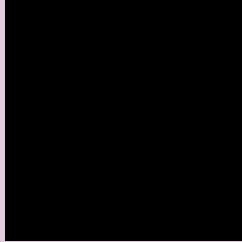
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.1195, 64.1475, 75.9674

Background



This preview shows how black text looks on a background with the XYZ color 65.1195, 64.1475, 75.9674.



This preview shows how white text looks on a background with the XYZ color 65.1195, 64.1475,

75.9674.

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

65.1195, 64.1475, 75.9674

Protanopia

62.3190, 64.0873, 78.1928

Deuteranopia

65.5061, 63.9951, 75.9176



Tritanopia

65.2516, 64.2003, 76.6629

Trichromacy



Original Color

65.1195, 64.1475, 75.9674

Protanomaly

63.3883, 64.2932, 77.4755

Deuteranomaly

65.1935, 63.8339, 75.9029

Tritanomaly

65.2516, 64.2003, 76.6629

Monochromacy



Original Color

65.1195, 64.1475, 75.9674

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

63.3851, 65.1062, 73.5160

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.1195, 64.1475, 75.9674 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, 204, 219)` looks like.

```
.text, #text, p{  
    color:rgb(224, 204, 219)  
}
```

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, 204, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 204, 219) }
```

Border

The CSS property to change the border of an element to XYZ 65.1195, 64.1475, 75.9674 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, 204, 219) }
```


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

```
.border{ border-color:rgb(224, 204, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 204, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 204, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 204, 219);  
box-shadow:4px 4px 4px 4px rgb(224, 204,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 65.1195, 64.1475, 75.9674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 204, 219) }
```

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

```
.background{ background-color: rgb(224,  
204, 219) }
```

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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