

Converting Colors

XYZ(63.9635, 65.1619, 75.3868)

Have a look what the booklet for
XYZ(63.9635, 65.1619, 75.3868)
contains.

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Color

**XYZ(63.8260, 64.9254,
75.4975)**

Conversions

Conversions Part 1

Format	Color
Hex	D9D0DA
RGB	217, 208, 218
RGB Percent	85%, 82%, 85%
CMY	0.1490, 0.1843, 0.1451
CMYK	0.00, 0.05, 0.00, 0.15
HSL	294°, 12%, 84%
HSV	294°, 5%, 85%
XYZ	63.8260, 64.9254, 75.4975
YIQ	211.8310, 2.1540, 5.0180

Conversions

Conversions Part 2

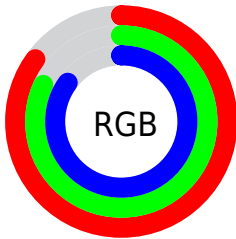
Format	Color
R _Y B	217, 208, 218
Decimal	14274778
CIE Lab	84.45, 4.89, -3.84
CIE LCh	84, 6.219, 321.896
Yxy	64.9254, 0.3125, 0.3179
Android (android.graphics.Color)	4292464858 (0xFFD9D0DA)
YUV	211.8310, 3.0413, 4.5332
Hunter-Lab	80.5763, 0.3847, 0.8505

Details

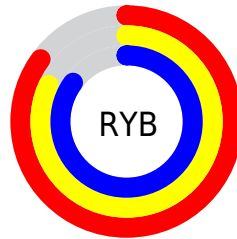
The XYZ color **63.8260, 64.9254, 75.4975** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.7535, 68.2539, 69.5447**, and the grayscale version is **62.4481, 65.7002, 71.5476**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.0668, 33.4369, 39.3615** is the 20% darker color. If you saturate the color by 10%, you get **58.2288, 54.6862, 73.8171**, and if you desaturate by 10%, it is **70.1660, 76.6357, 77.4246**.

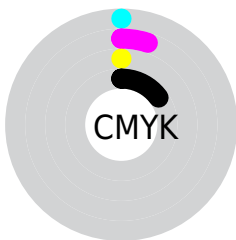
Distribution



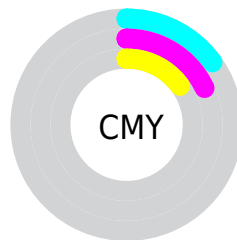
- Red (85%)
- Green (82%)
- Blue (85%)



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



- Cyan (0%)
- Magenta (5%)
- Yellow (0%)
- Black (15%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.8260, 64.9254, 75.4975 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 63.8260, 64.9254, 75.4975 by changing the saturation by 10% instead.

■ 63.8260, 64.9254,
75.4975

■ 63.8260, 64.9254,
75.4975

428.1732,
442.5238, 498.9268

■ 46.7709, 47.4006,
55.5164

109.4354,
111.9426, 128.7699

■ 33.0618, 33.3524,
39.4139

138.7205,
142.2038, 162.8983

■ 22.3332, 22.3966,
26.7716

172.8130,
177.4792, 202.5795

■ 14.2199, 14.1486,
17.1708

212.0781,
218.1533, 248.2320

■ 8.3565, 8.2241,
10.1931

256.8814,
264.6104, 300.2745

■ 4.3776, 4.2387,
5.4199

307.5881,

■ 1.9179, 1.8079,

317.2349, 359.1254

2.4327

364.5636,
376.4113, 425.2033

■ 0.5872, 0.4921,
0.8042

■ 0.0000, 0.0000,
0.0000

■ 63.8260, 64.9254,
75.4975

■ 63.8260, 64.9254,
75.4975

■ 58.2288, 54.6862,
73.8171

■ 70.1660, 76.6357,
77.4246

■ 53.3393, 45.8504,
72.3693

■ 77.2711, 89.8644,
79.6036

■ 49.1275, 38.3575,
71.1451

■ 79.0144, 92.3565,
79.9927

■ 45.5594, 32.1395,
70.1329

■ 79.6929, 92.7063,
80.0245

42.5979, 27.1223,
69.3206

80.3800, 93.0606,
80.0566

40.2021, 23.2240,
68.6944

81.0760, 93.4193,
80.0892

38.3261, 20.3526,
68.2390

81.7806, 93.7826,
80.1222

36.9164, 18.4017,
67.9368

82.4941, 94.1504,
80.1556

35.9081, 17.2411,
67.7659

83.2164, 94.5228,
80.1894

Harmonies

Analogous

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



62.7067, 64.9254, 77.9975



63.8260, 64.9254, 75.4975



64.3800, 64.9254, 71.7718

Triad

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



63.8260, 64.9254, 75.4975



62.0853, 64.9254, 63.4175



59.2749, 64.9254, 73.5712

Complementary

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



63.8260, 64.9254, 75.4975



62.7535, 68.2539, 69.5447

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.



59.1141, 64.9254, 69.6245



63.8260, 64.9254, 75.4975



60.7232, 64.9254, 63.8588

Square

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



63.8260, 64.9254, 75.4975



63.3653, 64.9254, 64.8674



59.6406, 64.9254, 66.0963



60.0831, 64.9254, 76.8568

Rectangle

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



63.8260, 64.9254, 75.4975



64.3486, 64.9254, 69.1344



59.6406, 64.9254, 66.0963



59.1438, 64.9254, 72.2743

Sweetspot

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



63.8279, 64.9282, 75.4989



94.1481, 98.3354, 108.6262



61.5115, 64.1577, 75.4723



20.1611, 21.0654, 23.2534



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.



63.8279, 64.9282, 75.4989



89.8010, 90.3345, 107.3110



63.6302, 64.8836, 72.9020



13.8365, 13.8597, 16.5981



21.3022, 10.1059, 40.5663



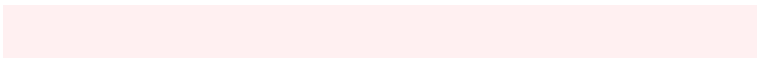
1.4180, 0.6742, 2.6299

Inverse Universe

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



62.9802, 64.6236, 69.4791



88.2235, 89.7683, 96.0769



62.9487, 68.2994, 72.0450



13.5711, 13.7644, 14.7058



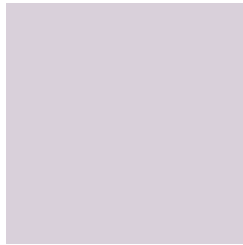
17.4261, 8.9715, 1.3579



1.1474, 0.5886, 0.1850

Previews

White Background



This preview shows how the XYZ color 63.8260, 64.9254, 75.4975 looks on a white background.

Color Contrast Check

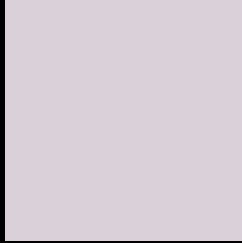
Large Text (above 18pt) WCAG AA × Fail

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 63.8260, 64.9254, 75.4975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

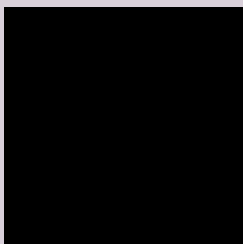
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

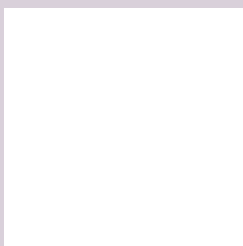
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.8260, 64.9254, 75.4975

Background



This preview shows how black text looks on a background with the XYZ color 63.8260, 64.9254, 75.4975.

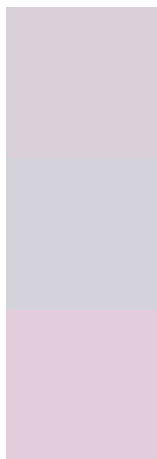


This preview shows how white text looks on a background with the XYZ color 63.8260, 64.9254,

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

63.8260, 64.9254, 75.4975

Protanopia

62.9842, 65.2047, 76.2840

Deuteranopia

66.0576, 64.6311, 76.0113



Tritanopia

64.5455, 64.8588, 78.9291

Trichromacy



Original Color

63.8260, 64.9254, 75.4975

Protanomaly

63.3182, 65.0115, 76.2291

Deuteranomaly

65.0489, 64.4651, 76.0324

Tritanomaly

64.2774, 64.7515, 77.5171

Monochromacy



Original Color

63.8260, 64.9254, 75.4975

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

63.1634, 65.7397, 72.9783

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.8260, 64.9254, 75.4975 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(217, 208, 218)` looks like.

```
.text, #text, p{  
    color:rgb(217, 208, 218)  
}
```

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(217, 208, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 208, 218) }
```

Border

The CSS property to change the border of an element to XYZ 63.8260, 64.9254, 75.4975 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(217, 208, 218) }
```


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

```
.border{ border-color:rgb(217, 208, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 208, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 208, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 208, 218);  
box-shadow:4px 4px 4px 4px rgb(217, 208,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 63.8260, 64.9254, 75.4975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 208, 218) }
```

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

```
.background{ background-color: rgb(217,  
208, 218) }
```

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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