

Converting Colors

XYZ(63.4507, 64.0658, 75.4665)

Have a look what the booklet for
XYZ(63.4507, 64.0658, 75.4665)
contains.

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Color

**XYZ(63.3415, 63.9563,
75.3360)**

Conversions

Conversions Part 1

Format	Color
Hex	D9CEDA
RGB	217, 206, 218
RGB Percent	85%, 81%, 85%
CMY	0.1490, 0.1921, 0.1451
CMYK	0.00, 0.06, 0.00, 0.15
HSL	295°, 14%, 83%
HSV	295°, 6%, 85%
XYZ	63.3415, 63.9563, 75.3360
YIQ	210.6570, 2.7040, 6.0640

Conversions

Conversions Part 2

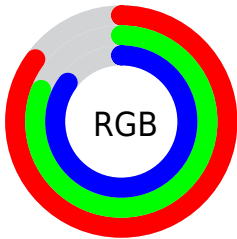
Format	Color
R _Y B	217, 206, 218
Decimal	14274266
CIE Lab	83.94, 5.95, -4.58
CIE LCh	84, 7.506, 322.419
Yxy	63.9563, 0.3126, 0.3156
Android (android.graphics.Color)	4292464346 (0xFFD9CEDA)
YUV	210.6570, 3.6201, 5.5628
Hunter-Lab	79.9727, 1.4268, 0.1284

Details

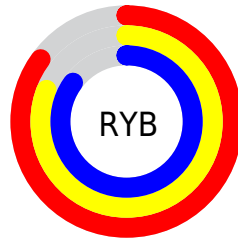
The XYZ color **63.3415, 63.9563, 75.3360** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.9465, 67.8661, 68.2303**, and the grayscale version is **61.6679, 64.8794, 70.6537**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.7394, 32.7822, 39.2524** is the 20% darker color. If you saturate the color by 10%, you get **57.9168, 53.9033, 73.6824**, and if you desaturate by 10%, it is **69.5037, 75.4737, 77.2352**.

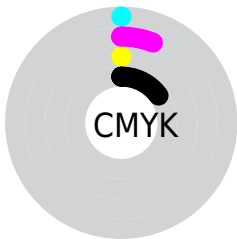
Distribution



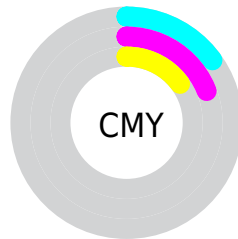
- Red (85%)
- Green (81%)
- Blue (85%)



- Red (85%)
- Yellow (81%)
- Blue (85%)



- Cyan (0%)
- Magenta (6%)
- Yellow (0%)
- Black (15%)



- Cyan (15%)
- Magenta (19%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.3415, 63.9563, 75.3360 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 63.3415, 63.9563, 75.3360 by changing the saturation by 10% instead.

63.3415, 63.9563,
75.3360

63.3415, 63.9563,
75.3360

426.4478,
439.0318, 498.3578

46.3772, 46.6153,
55.3848

108.7411,
110.5480, 128.5393

32.7495, 32.7316,
39.3092

137.9071,
140.5675, 162.6286

22.0929, 21.9209,
26.6907

171.8711,
175.5819, 202.2676

14.0422, 13.7988,
17.1107

210.9984,
215.9756, 247.8749

8.2319, 7.9809,
10.1506

255.6543,
262.1331, 299.8690

4.2967, 4.0827,
5.3920

306.2043,

1.8713, 1.7199,

314.4387, 358.6685

2.4163

363.0137,
373.2768, 424.6919

■ 0.5601, 0.4365,
0.7953

■ 0.0000, 0.0000,
0.0000

■ 63.3415, 63.9563,
75.3360

■ 63.3415, 63.9563,
75.3360

■ 57.9168, 53.9033,
73.6824

■ 69.5037, 75.4737,
77.2352

■ 53.1942, 45.2467,
72.2605

■ 76.4261, 88.5032,
79.3854

■ 49.1438, 37.9258,
71.0609

■ 78.6780, 92.1831,
79.9770

■ 45.7313, 31.8718,
70.0722

■ 79.2390, 92.4724,
80.0032

42.9193, 27.0101,
69.2820

79.8061, 92.7647,
80.0298

40.6665, 23.2581,
68.6765

80.3792, 93.0601,
80.0566

38.9263, 20.5227,
68.2402

80.9583, 93.3587,
80.0837

37.6445, 18.6956,
67.9551

81.5436, 93.6604,
80.1111

36.7548, 17.6439,
67.7990

82.1349, 93.9652,
80.1387

Harmonies

Analogous

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



62.0084, 63.9563, 78.3927



63.3415, 63.9563, 75.3360



63.9928, 63.9563, 70.8449

Triad

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



63.3415, 63.9563, 75.3360



61.2087, 63.9563, 61.0012



57.8984, 63.9563, 73.1659

Complementary

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



63.3415, 63.9563, 75.3360



61.9465, 67.8661, 68.2303

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.



57.6930, 63.9563, 68.4439



63.3415, 63.9563, 75.3360



59.5848, 63.9563, 61.5598

Square

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



63.3415, 63.9563, 75.3360



62.7470, 63.9563, 62.6722



58.3051, 63.9563, 64.2339



58.8713, 63.9563, 77.1008

Rectangle

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



63.3415, 63.9563, 75.3360



63.9446, 63.9563, 67.6988



58.3051, 63.9563, 64.2339



57.7380, 63.9563, 71.6129

Sweetspot

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



63.3433, 63.9591, 75.3374



93.2883, 96.7086, 108.3575



60.4725, 62.9095, 75.2861



19.9860, 20.7341, 23.1987



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.



63.3433, 63.9591, 75.3374



89.0724, 88.8542, 107.0637



63.0224, 63.8651, 72.0914



13.7340, 13.6479, 16.5626



21.8694, 10.3983, 40.5928



1.4491, 0.6903, 2.6313

Inverse Universe

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



62.2495, 63.5559, 68.0213



87.0941, 88.1259, 93.8006



62.2600, 67.9594, 71.3350



13.4077, 13.5278, 14.3734



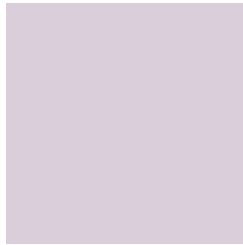
17.4045, 8.9629, 1.2444



1.1432, 0.5869, 0.1629

Previews

White Background



This preview shows how the XYZ color 63.3415, 63.9563, 75.3360 looks on a white background.

Color Contrast Check

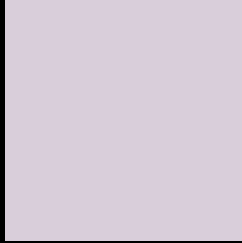
Large Text (above 18pt) WCAG AA × Fail

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 63.3415, 63.9563, 75.3360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

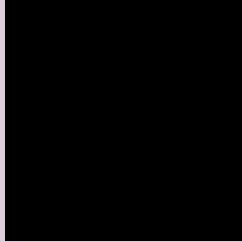
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.3415, 63.9563, 75.3360

Background



This preview shows how black text looks on a background with the XYZ color 63.3415, 63.9563, 75.3360.



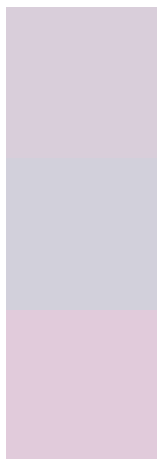
This preview shows how white text looks on a background with the XYZ color 63.3415, 63.9563,

75.3360.

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

63.3415, 63.9563, 75.3360

Protanopia

61.9204, 63.9279, 76.0936

Deuteranopia

65.1935, 63.8339, 75.9029



Tritanopia

63.9296, 63.8420, 78.0605

Trichromacy



Original Color

63.3415, 63.9563, 75.3360

Protanomaly

62.5396, 63.8863, 76.0529

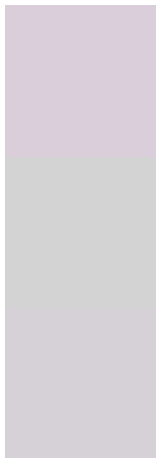
Deuteranomaly

64.5032, 63.8298, 75.9385

Tritanomaly

63.7959, 63.7885, 77.3566

Monochromacy



Original Color

63.3415, 63.9563, 75.3360

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.3786, 64.6021, 72.8001

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.3415, 63.9563, 75.3360 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, 206, 218) looks like.

```
.text, #text, p{  
    color:rgb(217, 206, 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, 206, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 206, 218) }
```

Border

The CSS property to change the border of an element to XYZ 63.3415, 63.9563, 75.3360 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, 206, 218) }
```


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

```
.border{ border-color:rgb(217, 206, 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, 206, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 206, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 206, 218);  
box-shadow:4px 4px 4px 4px rgb(217, 206,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 63.3415, 63.9563, 75.3360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 206, 218) }
```

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

```
.background{ background-color: rgb(217,  
206, 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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