

Converting Colors

XYZ(62.6492, 62.6077, 74.7775)

Have a look what the booklet for
XYZ(62.6492, 62.6077, 74.7775)
contains.

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Color

**XYZ(62.6261, 62.5255,
75.0976)**

Conversions

Conversions Part 1

Format	Color
Hex	D9CBDA
RGB	217, 203, 218
RGB Percent	85%, 80%, 85%
CMY	0.1490, 0.2039, 0.1451
CMYK	0.00, 0.07, 0.00, 0.15
HSL	296°, 17%, 83%
HSV	296°, 7%, 85%
XYZ	62.6261, 62.5255, 75.0976
YIQ	208.8960, 3.5290, 7.6330

Conversions

Conversions Part 2

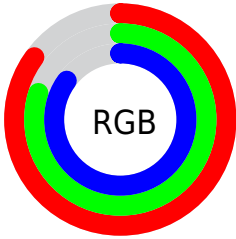
Format	Color
R _Y B	217, 203, 218
Decimal	14273498
CIE Lab	83.19, 7.53, -5.69
CIE LCh	83, 9.439, 322.962
Yxy	62.5255, 0.3127, 0.3122
Android (android.graphics.Color)	4292463578 (0xFFD9CBDA)
YUV	208.8960, 4.4883, 7.1072
Hunter-Lab	79.0731, 2.9947, -0.9580

Details

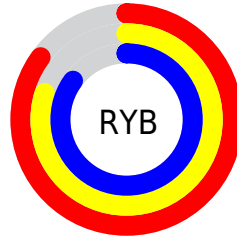
The XYZ color **62.6261, 62.5255, 75.0976** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.7550, 67.2936, 66.2899**, and the grayscale version is **60.5081, 63.6592, 69.3249**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.2586, 31.8206, 39.0921** is the 20% darker color. If you saturate the color by 10%, you get **57.4062, 52.7233, 73.4816**, and if you desaturate by 10%, it is **68.5774, 73.7828, 76.9578**.

Distribution



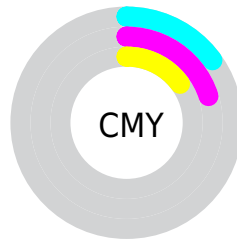
- Red (85%)
- Green (80%)
- Blue (85%)



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



- Cyan (0%)
- Magenta (7%)
- Yellow (0%)
- Black (15%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.6261, 62.5255, 75.0976 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 62.6261, 62.5255, 75.0976 by changing the saturation by 10% instead.

■ 62.6261, 62.5255,
75.0976

■ 62.6261, 62.5255,
75.0976

423.8925,
433.8454, 497.5173

■ 45.7963, 45.4575,
55.1906

107.7148,
108.4847, 128.1989

■ 32.2891, 31.8179,
39.1547

136.7043,
138.1446, 162.2303

■ 21.7390, 21.2224,
26.5714

170.4779,
172.7705, 201.8069

■ 13.7808, 13.2867,
17.0220

209.4007,
212.7470, 247.3473

■ 8.0490, 7.6263,
10.0880

253.8383,
258.4583, 299.2700

■ 4.1784, 3.8567,
5.3510

304.1558,

■ 1.8036, 1.5938,

310.2889, 357.9935

2.3923

360.7188,
368.6231, 423.9365

■ 0.5198, 0.3534,
0.7823

■ 0.0000, 0.0000,
0.0000

■ 62.6261, 62.5255,
75.0976

■ 62.6261, 62.5255,
75.0976

■ 57.4062, 52.7233,
73.4816

■ 68.5774, 73.7828,
76.9578

■ 52.8820, 44.3081,
72.0958

■ 75.2828, 86.5438,
79.0674

■ 49.0234, 37.2182,
70.9307

■ 78.3443, 92.0111,
79.9614

■ 45.7956, 31.3843,
69.9747

■ 78.7898, 92.2408,
79.9822

43.1607, 26.7308,
69.2154

79.2391, 92.4724,
80.0033

41.0769, 23.1737,
68.6386

79.6923, 92.7060,
80.0245

39.4967, 20.6184,
68.2287

80.1493, 92.9416,
80.0459

38.3647, 18.9537,
67.9670

80.6102, 93.1792,
80.0674

37.6087, 18.0357,
67.8297

81.0750, 93.4189,
80.0892

Harmonies

Analogous

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



60.9774, 62.5255, 78.9950



62.6261, 62.5255, 75.0976



63.4211, 62.5255, 69.4702

Triad

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



62.6261, 62.5255, 75.0976



59.9122, 62.5255, 57.4940



55.8777, 62.5255, 72.5725

Complementary

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



62.6261, 62.5255, 75.0976



60.7550, 67.2936, 66.2899

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.



55.6073, 62.5255, 66.7078



62.6261, 62.5255, 75.0976



57.9063, 62.5255, 58.2191

Square

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



62.6261, 62.5255, 75.0976



61.8311, 62.5255, 59.4724



56.3419, 62.5255, 61.5131



57.0892, 62.5255, 77.4797

Rectangle

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



62.6261, 62.5255, 75.0976



63.3474, 62.5255, 65.5824



56.3419, 62.5255, 61.5131



55.6749, 62.5255, 70.6395

Sweetspot

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



62.6279, 62.5282, 75.0990



93.3195, 96.7246, 108.3590



58.9385, 61.0661, 75.0112



19.9924, 20.7374, 23.1989



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.



62.6279, 62.5282, 75.0990



88.3853, 87.4108, 106.8213



62.1235, 62.3609, 70.8866



13.5242, 13.2284, 16.4927



22.4491, 10.6971, 40.6199



1.4807, 0.7066, 2.6328

Inverse Universe

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



61.1706, 61.9797, 65.8691



85.9685, 86.5017, 91.4920



61.2418, 67.4568, 70.2790



13.0911, 13.0655, 13.7409



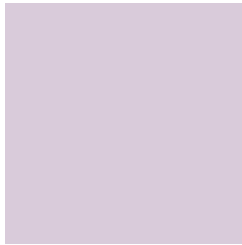
17.3859, 8.9554, 1.1462



1.1390, 0.5852, 0.1408

Previews

White Background



This preview shows how the XYZ color 62.6261, 62.5255, 75.0976 looks on a white background.

Color Contrast Check

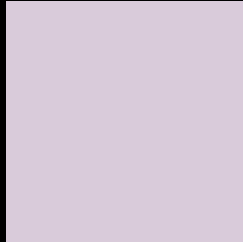
Large Text (above 18pt) WCAG AA × Fail

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 62.6261, 62.5255, 75.0976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

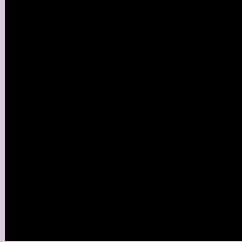
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.6261, 62.5255, 75.0976

Background



This preview shows how black text looks on a background with the XYZ color 62.6261, 62.5255, 75.0976.

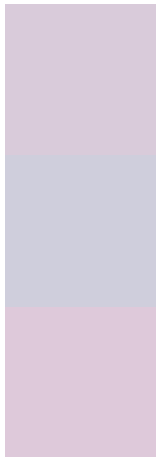


This preview shows how white text looks on a background with the XYZ color 62.6261, 62.5255,

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

62.6261, 62.5255, 75.0976

Protanopia

60.7217, 62.5753, 76.5880

Deuteranopia

63.6657, 62.3648, 75.0117



Tritanopia

62.7574, 62.5781, 75.7889

Trichromacy



Original Color

62.6261, 62.5255, 75.0976

Protanomaly

61.4815, 62.6260, 75.8654

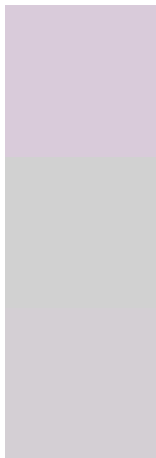
Deuteranomaly

63.2906, 62.5187, 75.0612

Tritanomaly

62.7574, 62.5781, 75.7889

Monochromacy



Original Color

62.6261, 62.5255, 75.0976

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

61.3479, 63.3762, 71.2868

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.6261, 62.5255, 75.0976 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, 203, 218) looks like.

```
.text, #text, p{  
    color:rgb(217, 203, 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, 203, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 203, 218) }
```

Border

The CSS property to change the border of an element to XYZ 62.6261, 62.5255, 75.0976 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, 203, 218) }
```


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

```
.border{ border-color:rgb(217, 203, 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, 203, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 203, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 203, 218); box-shadow:4px 4px 4px 4px rgb(217, 203, 218) }
```

Background

The CSS property to change the background color of an element to XYZ 62.6261, 62.5255, 75.0976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 203, 218) }
```

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

```
.background{ background-color: rgb(217,  
203, 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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