

Converting Colors

XYZ(62.3502, 62.9257, 72.3226)

Have a look what the booklet for
XYZ(62.3502, 62.9257, 72.3226)
contains.

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Color

**XYZ(62.3457, 62.7925,
72.4525)**

Conversions

Conversions Part 1

Format	Color
Hex	D9CCD6
RGB	217, 204, 214
RGB Percent	85%, 80%, 84%
CMY	0.1490, 0.2000, 0.1608
CMYK	0.00, 0.06, 0.01, 0.15
HSL	314°, 15%, 83%
HSV	314°, 6%, 85%
XYZ	62.3457, 62.7925, 72.4525
YIQ	209.0270, 4.5380, 5.8660

Conversions

Conversions Part 2

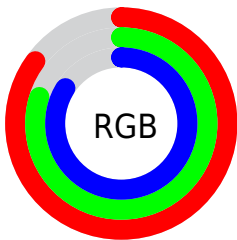
Format	Color
R _Y B	217, 204, 214
Decimal	14273750
CIE Lab	83.33, 6.28, -3.34
CIE LCh	83, 7.111, 331.960
Yxy	62.7925, 0.3155, 0.3178
Android (android.graphics.Color)	4292463830 (0xFFD9CCD6)
YUV	209.0270, 2.4517, 6.9923
Hunter-Lab	79.2417, 1.7670, 1.2590

Details

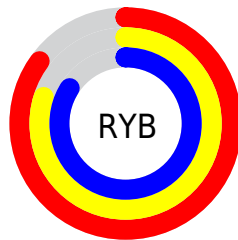
The XYZ color **62.3457, 62.7925, 72.4525** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.9795, 66.9697, 68.7472**, and the grayscale version is **60.6059, 63.7621, 69.4370**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.0646, 31.9973, 37.2870** is the 20% darker color. If you saturate the color by 10%, you get **56.9138, 52.9360, 67.5346**, and if you desaturate by 10%, it is **68.5195, 74.0995, 77.7162**.

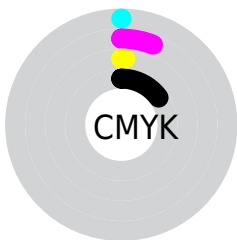
Distribution



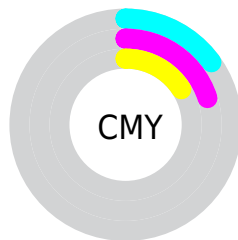
- Red (85%)
- Green (80%)
- Blue (84%)



- Red (85%)
- Yellow (80%)
- Blue (84%)



- Cyan (0%)
- Magenta (6%)
- Yellow (1%)
- Black (15%)



- Cyan (15%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.3457, 62.7925, 72.4525 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 62.3457, 62.7925, 72.4525 by changing the saturation by 10% instead.

■ 62.3457, 62.7925,
72.4525

■ 62.3457, 62.7925,
72.4525

422.8885,
434.8160, 488.1349

■ 45.5687, 45.6734,
53.0393

107.3121,
108.8701, 124.4133

■ 32.1088, 31.9881,
37.4462

136.2323,
138.5973, 157.7981

■ 21.6006, 21.3524,
25.2547

169.9310,
173.2961, 196.6771

■ 13.6787, 13.3819,
16.0461

208.7734,
213.3507, 241.4689

■ 7.9777, 7.6920,
9.4021

253.1250,
259.1456, 292.5920

■ 4.1324, 3.8985,
4.9040

303.3512,

■ 1.7773, 1.6170,

311.0652, 350.4650

2.1333

359.8172,
369.4939, 415.5065

■ 0.5039, 0.3690,
0.6355

■ 0.0000, 0.0000,
0.0000

■ 62.3457, 62.7925,
72.4525

■ 62.3457, 62.7925,
72.4525

■ 56.9138, 52.9360,
67.5346

■ 68.5195, 74.0995,
77.7162

■ 52.1887, 44.4626,
62.9478

■ 75.4577, 86.9045,
83.3320

■ 48.1403, 37.3119,
58.6819

■ 78.5224, 91.9306,
87.7553

■ 44.7345, 31.4157,
54.7247

■ 79.2323, 92.2146,
91.4932

41.9340, 26.6998,
51.0627

79.9624, 92.5066,
95.3383

39.6976, 23.0819,
47.6815

80.7131, 92.8069,
99.2914

37.9787, 20.4694,
44.5645

81.4845, 93.1155,
103.3534

36.7233, 18.7543,
41.6928

82.2767, 93.4323,
107.5252

35.8641, 17.8024,
39.0430

82.4256, 93.4919,
108.3092

Harmonies

Analogous

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



61.2703, 62.7925, 75.8534



62.3457, 62.7925, 72.4525



62.7040, 62.7925, 68.0795

Triad

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



62.3457, 62.7925, 72.4525



59.5807, 62.7925, 60.2072



57.1948, 62.7925, 72.9782

Complementary

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



62.3457, 62.7925, 72.4525



60.9795, 66.9697, 68.7472

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.



56.7595, 62.7925, 68.6620



62.3457, 62.7925, 72.4525



58.1221, 62.7925, 61.3964

Square

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



62.3457, 62.7925, 72.4525



61.0912, 62.7925, 61.1257



57.0960, 62.7925, 64.4445



58.2954, 62.7925, 76.1660

Rectangle

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



62.3457, 62.7925, 72.4525



62.4830, 62.7925, 65.2347



57.0960, 62.7925, 64.4445



56.9667, 62.7925, 71.6049

Sweetspot

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



62.3475, 62.7952, 72.4539



93.2556, 96.7135, 107.3697



59.8008, 61.4377, 74.3533



19.9793, 20.7351, 22.9977



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.



62.3475, 62.7952, 72.4539



88.9613, 88.8727, 103.6328



61.5565, 62.4788, 68.2883



13.7156, 13.6510, 15.9950



21.5817, 10.6337, 23.2413



1.4301, 0.7017, 1.6740

Inverse Universe

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



62.3475, 62.7952, 72.4539



88.9613, 88.8727, 103.6328



61.7672, 67.2847, 72.8951



13.7156, 13.6510, 15.9950



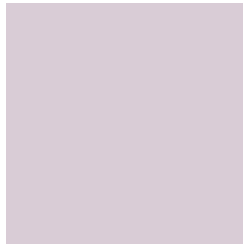
21.5817, 10.6337, 23.2413



1.4301, 0.7017, 1.6740

Previews

White Background



This preview shows how the XYZ color 62.3457, 62.7925, 72.4525 looks on a white background.

Color Contrast Check

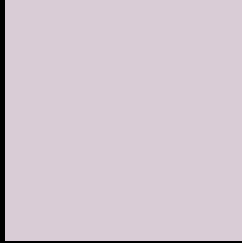
Large Text (above 18pt) WCAG AA × Fail

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 62.3457, 62.7925, 72.4525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

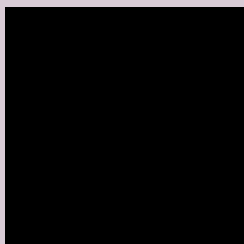
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.3457, 62.7925, 72.4525

Background



This preview shows how black text looks on a background with the XYZ color 62.3457, 62.7925, 72.4525.



This preview shows how white text looks on a background with the XYZ color 62.3457, 62.7925,

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

62.3457, 62.7925, 72.4525

Protanopia

60.6315, 62.6042, 73.1782

Deuteranopia

64.2037, 62.6871, 73.0059



Tritanopia

63.0556, 62.7318, 75.8029

Trichromacy



Original Color

62.3457, 62.7925, 72.4525

Protanomaly

61.2484, 62.5660, 73.1383

Deuteranomaly

63.5105, 62.6770, 73.0405

Tritanomaly

62.7938, 62.6271, 74.4243

Monochromacy



Original Color

62.3457, 62.7925, 72.4525

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

61.2221, 63.3258, 70.6244

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3457, 62.7925, 72.4525 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, 204, 214) looks like.

```
.text, #text, p{  
    color:rgb(217, 204, 214)  
}
```

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, 204, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 204, 214) }
```

Border

The CSS property to change the border of an element to XYZ 62.3457, 62.7925, 72.4525 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, 204, 214) }
```


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

```
.border{ border-color:rgb(217, 204, 214) }
```

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

Here you see how a box with a 4 pixel rgb(217, 204, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 204, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 204, 214);  
box-shadow:4px 4px 4px 4px rgb(217, 204,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3457, 62.7925, 72.4525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 204, 214) }
```

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

```
.background{ background-color: rgb(217,  
204, 214) }
```

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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