

Converting Colors

XYZ(62.3907, 62.0547, 75.0191)

Have a look what the booklet for
XYZ(62.3907, 62.0547, 75.0191)
contains.

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Color

**XYZ(62.3907, 62.0547,
75.0191)**

Conversions

Conversions Part 1

Format	Color
Hex	D9CADA
RGB	217, 202, 218
RGB Percent	85%, 79%, 85%
CMY	0.1490, 0.2078, 0.1451
CMYK	0.00, 0.07, 0.00, 0.15
HSL	296°, 18%, 82%
HSV	296°, 7%, 85%
XYZ	62.3907, 62.0547, 75.0191
YIQ	208.3090, 3.8040, 8.1560

Conversions

Conversions Part 2

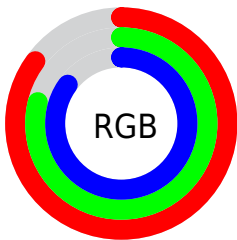
Format	Color
R _Y B	217, 202, 218
Decimal	14273242
CIE Lab	82.94, 8.06, -6.05
CIE LCh	83, 10.084, 323.104
Yxy	62.0547, 0.3128, 0.3111
Android (android.graphics.Color)	4292463322 (0xFFD9CADA)
YUV	208.3090, 4.7777, 7.6220
Hunter-Lab	78.7748, 3.5185, -1.3209

Details

The XYZ color **62.3907, 62.0547, 75.0191** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.3629, 67.1052, 65.6513**, and the grayscale version is **60.1244, 63.2556, 68.8853**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.1011, 31.5055, 39.0396** is the 20% darker color. If you saturate the color by 10%, you get **57.2301, 52.3313, 73.4152**, and if you desaturate by 10%, it is **68.2808, 73.2303, 76.8667**.

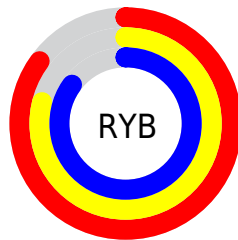
Distribution



Red (85%)

Green (79%)

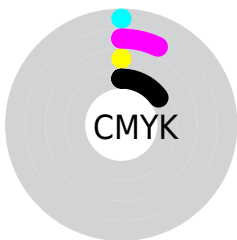
Blue (85%)



Red (85%)

Yellow (79%)

Blue (85%)

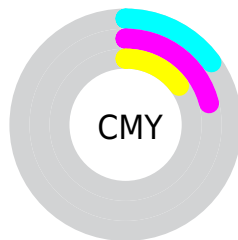


Cyan (0%)

Magenta (7%)

Yellow (0%)

Black (15%)



Cyan (15%)

Magenta (21%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.3907, 62.0547, 75.0191 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 62.3907, 62.0547, 75.0191 by changing the saturation by 10% instead.

■ 62.3907, 62.0547,
75.0191

■ 62.3907, 62.0547,
75.0191

423.0497,
432.1306, 497.2404

■ 45.6053, 45.0769,
55.1267

107.3768,
107.8046, 128.0867

■ 32.1377, 31.5180,
39.1039

136.3081,
137.3455, 162.0991

■ 21.6228, 20.9936,
26.5321

170.0188,
171.8428, 201.6552

■ 13.6950, 13.1193,
16.9928

208.8741,
211.6810, 247.1735

■ 7.9891, 7.5108,
10.0675

253.2396,
257.2445, 299.0726

■ 4.1398, 3.7835,
5.3375

303.4804,

■ 1.7815, 1.5532,

308.9177, 357.7712

2.3844

359.9620,
367.0849, 423.6876

■ 0.5065, 0.3258,
0.7780

■ 0.0000, 0.0000,
0.0000

■ 62.3907, 62.0547,
75.0191

■ 62.3907, 62.0547,
75.0191

■ 57.2301, 52.3313,
73.4152

■ 68.2808, 73.2303,
76.8667

■ 52.7634, 43.9918,
72.0410

■ 74.9234, 85.9067,
78.9634

■ 48.9602, 36.9744,
70.8869

■ 78.2611, 91.9682,
79.9575

■ 45.7857, 31.2094,
69.9415

■ 78.6779, 92.1831,
79.9770

43.2019, 26.6208,
69.1920

79.0981, 92.3997,
79.9966

41.1666, 23.1245,
68.6244

79.5216, 92.6181,
80.0165

39.6322, 20.6249,
68.2228

79.9486, 92.8382,
80.0364

38.5426, 19.0101,
67.9685

80.3790, 93.0600,
80.0566

37.8228, 18.1300,
67.8366

80.8127, 93.2836,
80.0769

Harmonies

Analogous

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



60.6381, 62.0547, 79.1983



62.3907, 62.0547, 75.0191



63.2330, 62.0547, 69.0160

Triad

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



62.3907, 62.0547, 75.0191



59.4849, 62.0547, 56.3560



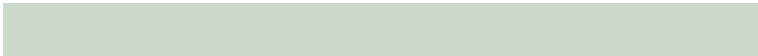
55.2159, 62.0547, 72.3787

Complementary

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



62.3907, 62.0547, 75.0191



60.3629, 67.1052, 65.6513

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.



54.9243, 62.0547, 66.1384



62.3907, 62.0547, 75.0191



57.3546, 62.0547, 57.1342

Square

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



62.3907, 62.0547, 75.0191



61.5288, 62.0547, 58.4305



55.6981, 62.0547, 60.6255



56.5048, 62.0547, 77.6096

Rectangle

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



62.3907, 62.0547, 75.0191



63.1506, 62.0547, 64.8868



55.6981, 62.0547, 60.6255



54.9994, 62.0547, 70.3201

Sweetspot

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



62.3925, 62.0574, 75.0204



93.3274, 96.7287, 108.3594



58.3863, 60.3649, 74.9049



19.9939, 20.7382, 23.1990



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.



62.3925, 62.0574, 75.0204



87.6349, 85.9503, 106.5790



61.8022, 61.8557, 70.3558



13.5298, 13.2313, 16.4929



22.5963, 10.7730, 40.6268



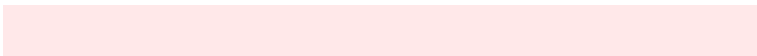
1.4887, 0.7107, 2.6332

Inverse Universe

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



60.8156, 61.4611, 65.1608



84.8880, 84.9123, 89.3698



60.9310, 67.3011, 70.0596



13.0889, 13.0647, 13.7293



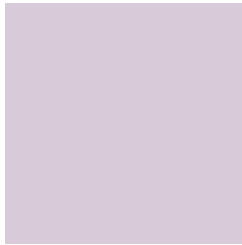
17.3816, 8.9537, 1.1238



1.1379, 0.5848, 0.1353

Previews

White Background



This preview shows how the XYZ color 62.3907, 62.0547, 75.0191 looks on a white background.

Color Contrast Check

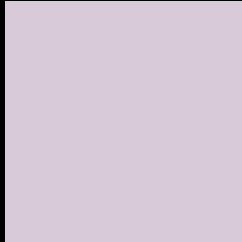
Large Text (above 18pt) WCAG AA × Fail

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 62.3907, 62.0547, 75.0191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

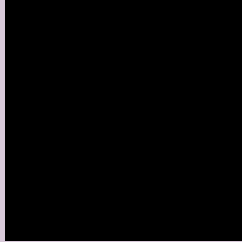
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.3907, 62.0547, 75.0191

Background



This preview shows how black text looks on a background with the XYZ color 62.3907, 62.0547, 75.0191.

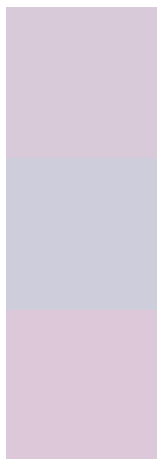


This preview shows how white text looks on a background with the XYZ color 62.3907, 62.0547,

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

62.3907, 62.0547, 75.0191

Protanopia

60.2032, 61.9518, 76.4950

Deuteranopia

63.1280, 61.7427, 74.9200



Tritanopia

62.3907, 62.0547, 75.0191

Trichromacy



Original Color

62.3907, 62.0547, 75.0191

Protanomaly

60.9574, 62.0018, 75.7726

Deuteranomaly

63.0567, 62.0509, 74.9832

Tritanomaly

62.3907, 62.0547, 75.0191

Monochromacy



Original Color

62.3907, 62.0547, 75.0191

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

60.8189, 62.7450, 71.1928

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3907, 62.0547, 75.0191 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, 202, 218) looks like.

```
.text, #text, p{  
    color:rgb(217, 202, 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, 202, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 202, 218) }
```

Border

The CSS property to change the border of an element to XYZ 62.3907, 62.0547, 75.0191 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, 202, 218) }
```


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

```
.border{ border-color:rgb(217, 202, 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, 202, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 202, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 202, 218);  
box-shadow:4px 4px 4px 4px rgb(217, 202,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3907, 62.0547, 75.0191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 202, 218) }
```

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

```
.background{ background-color: rgb(217,  
202, 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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