

Converting Colors

XYZ(62.4094, 55.5585,
102.0423)

Have a look what the booklet for
XYZ(62.4094, 55.5585, 102.0423)
contains.

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Color

**XYZ(62.3419, 55.4980,
102.0342)**

Conversions

Conversions Part 1

Format	Color
Hex	D4B8FF
RGB	212, 184, 255
RGB Percent	83%, 72%, 100%
CMY	0.1686, 0.2784, 0.0000
CMYK	0.17, 0.28, 0.00, 0.00
HSL	264°, 100%, 86%
HSV	264°, 28%, 100%
XYZ	62.3419, 55.4980, 102.0342
YIQ	200.4660, -6.1030, 28.0170

Conversions

Conversions Part 2

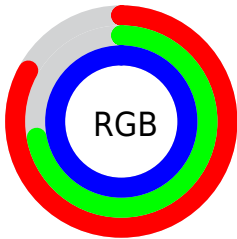
Format	Color
R _Y B	212, 184, 255
Decimal	13940991
CIE Lab	79.33, 23.53, -31.36
CIE LCh	79, 39.207, 306.888
Yxy	55.4980, 0.2835, 0.2524
Android (android.graphics.Color)	4292131071 (0xFFD4B8FF)
YUV	200.4660, 26.8853, 10.1153
Hunter-Lab	74.4970, 19.0059, -29.0582

Details

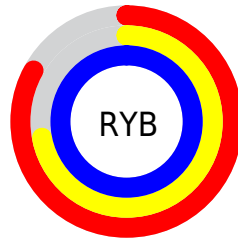
The XYZ color **62.3419, 55.4980, 102.0342** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **76.0912, 91.3120, 58.9643**, and the grayscale version is **55.0304, 57.8963, 63.0491**.

A 20% lighter version of the original color is **90.4501, 90.8002, 107.3667**, and **32.2140, 27.4779, 57.0320** is the 20% darker color. If you saturate the color by 10%, you get **53.2737, 43.6570, 100.2266**, and if you desaturate by 10%, it is **72.7939, 69.4723, 104.1806**.

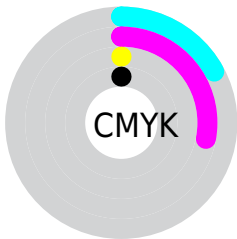
Distribution



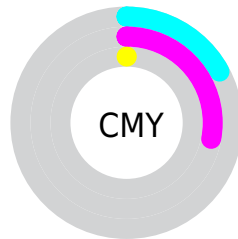
- Red (83%)
- Green (72%)
- Blue (100%)



- Red (83%)
- Yellow (72%)
- Blue (100%)



- Cyan (17%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)



- Cyan (17%)
- Magenta (28%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.3419, 55.4980, 102.0342 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 62.3419, 55.4980, 102.0342 by changing the saturation by 10% instead.

62.3419, 55.4980,
102.0342

62.3419, 55.4980,
102.0342

422.8749,
407.7969, 587.9973

45.5657, 39.8006,
77.3741

107.3067, 98.2702,
166.0260

32.1064, 27.3831,
57.0466

136.2259,
126.1138, 206.1949

21.5987, 17.8611,
40.6330

169.9235,
158.7749, 252.3704

13.6773, 10.8503,
27.7149

208.7649,
196.6379, 304.9712

7.9768, 5.9663,
17.8737

253.1154,
240.0872, 364.4157

4.1318, 2.8246,
10.6909

303.3403,

1.7769, 1.0409,

289.5072, 431.1226

5.7478

359.8050,
345.2823, 505.5102

■ 0.5037, 0.0000,
2.6261

■ 0.0000, 0.0000,
0.9059

■ 62.3419, 55.4980,
102.0342

■ 62.3419, 55.4980,
102.0342

■ 53.2737, 43.6570,
100.2266

■ 72.7939, 69.4723,
104.1806

■ 45.5213, 33.8340,
98.7391

■ 84.6837, 85.6742,
106.6812

■ 39.0176, 25.9124,
97.5529

95.0500, 100.0000,
108.9000

■ 33.6873, 19.7609,
96.6465

■ 29.4458, 15.2305,
95.9956

■ 26.1947, 12.1463,
95.5716

■ 23.8068, 10.2764,
95.3365

■ 23.3681, 9.9616,
95.2989

Harmonies

Analogous

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



54.5809, 55.4980, 114.3306



62.3419, 55.4980, 102.0342



67.8915, 55.4980, 79.0418

Triad

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



62.3419, 55.4980, 102.0342



58.9011, 55.4980, 28.7423



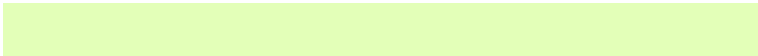
39.1336, 55.4980, 65.7639

Complementary

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



62.3419, 55.4980, 102.0342



76.0912, 91.3120, 58.9643

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.



40.0445, 55.4980, 44.9929



62.3419, 55.4980, 102.0342



50.9589, 55.4980, 26.8602

Square

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



62.3419, 55.4980, 102.0342



65.7713, 55.4980, 38.0096



44.1947, 55.4980, 32.0197



41.5704, 55.4980, 90.2798

Rectangle

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



62.3419, 55.4980, 102.0342



69.3089, 55.4980, 62.8061



44.1947, 55.4980, 32.0197



39.0626, 55.4980, 58.1104

Sweetspot

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



62.3435, 55.5002, 102.0345



84.4837, 85.3995, 106.6387



65.5025, 72.7794, 105.2032



17.6807, 17.7271, 22.7398



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.



62.3435, 55.5002, 102.0345



57.4963, 49.1316, 101.0607



73.4495, 61.2255, 102.5542



17.6807, 17.7271, 22.7398



12.3664, 5.2856, 49.8030



1.3227, 0.5758, 4.8547

Inverse Universe

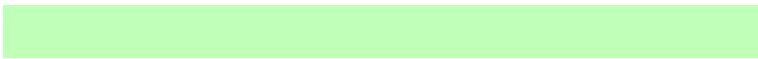
The Inverse Universe completely reimagines the original color for something new.



72.2467, 61.0889, 80.6577



68.9345, 55.5931, 76.0739



66.2232, 86.2249, 58.5025



18.4715, 18.1719, 21.1000



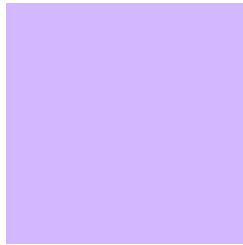
24.6911, 12.3657, 17.5558



2.4579, 1.2255, 1.9927

Previews

White Background



This preview shows how the XYZ color 62.3419, 55.4980, 102.0342 looks on a white background.

Color Contrast Check

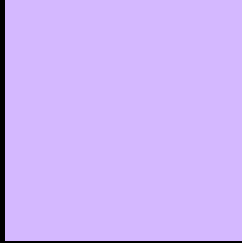
Large Text (above 18pt) WCAG AA × Fail

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 62.3419, 55.4980, 102.0342 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 62.3419, 55.4980, 102.0342

Background



This preview shows how black text looks on a background with the XYZ color 62.3419, 55.4980, 102.0342.

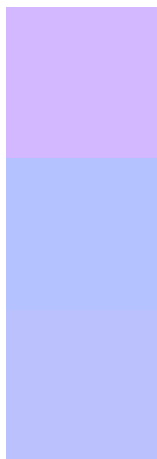


This preview shows how white text looks on a background with the XYZ color 62.3419, 55.4980,

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

62.3419, 55.4980, 102.0342

Protanopia

56.1642, 55.5069, 102.3615

Deuteranopia

57.0493, 55.6709, 100.6672



Tritanopia

55.3570, 55.5314, 67.4755

Trichromacy



Original Color

62.3419, 55.4980, 102.0342

Protanomaly

58.2017, 55.2534, 102.2052

Deuteranomaly

58.8085, 55.5848, 101.3953

Tritanomaly

57.7362, 55.5286, 78.9092

Monochromacy



Original Color

62.3419, 55.4980, 102.0342

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

57.1119, 56.5882, 75.6226

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3419, 55.4980, 102.0342 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(212, 184, 255)` looks like.

```
.text, #text, p{  
    color:rgb(212, 184, 255)  
}
```

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(212, 184, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 184, 255) }
```

Border

The CSS property to change the border of an element to XYZ 62.3419, 55.4980, 102.0342 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(212, 184, 255) }
```


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

```
.border{ border-color:rgb(212, 184, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 184, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 184, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 184, 255);  
box-shadow:4px 4px 4px 4px rgb(212, 184,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3419, 55.4980, 102.0342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 184, 255) }
```

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

```
.background{ background-color: rgb(212,  
184, 255) }
```

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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