

Converting Colors

XYZ(62.8214, 57.7056,
104.3810)

Have a look what the booklet for
XYZ(62.8214, 57.7056, 104.3810)
contains.

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Color

**XYZ(62.4759, 57.4568,
102.4052)**

Conversions

Conversions Part 1

Format	Color
Hex	D0BEFF
RGB	208, 190, 255
RGB Percent	82%, 75%, 100%
CMY	0.1843, 0.2549, 0.0000
CMYK	0.18, 0.25, 0.00, 0.00
HSL	257°, 100%, 87%
HSV	257°, 25%, 100%
XYZ	62.4759, 57.4568, 102.4052
YIQ	202.7920, -10.1370, 24.0310

Conversions

Conversions Part 2

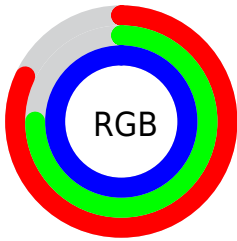
Format	Color
R _Y B	208, 190, 255
Decimal	13680383
CIE Lab	80.44, 19.07, -29.68
CIE LCh	80, 35.280, 302.714
Yxy	57.4568, 0.2810, 0.2584
Android (android.graphics.Color)	4291870463 (0xFFD0BEFF)
YUV	202.7920, 25.7385, 4.5674
Hunter-Lab	75.8003, 14.4724, -27.0399

Details

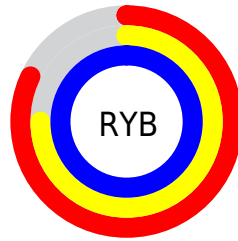
The XYZ color **62.4759, 57.4568, 102.4052** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.9803, 93.2427, 62.4999**, and the grayscale version is **56.4841, 59.4256, 64.7145**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **32.2756, 28.7408, 57.2725** is the 20% darker color. If you saturate the color by 10%, you get **52.5424, 44.8429, 100.4940**, and if you desaturate by 10%, it is **73.9817, 72.3183, 104.6673**.

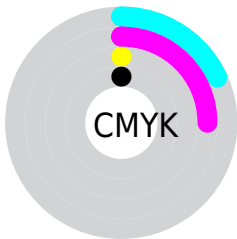
Distribution



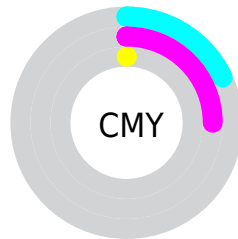
- Red (82%)
- Green (75%)
- Blue (100%)



- Red (82%)
- Yellow (75%)
- Blue (100%)



- Cyan (18%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.4759, 57.4568, 102.4052 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 62.4759, 57.4568, 102.4052 by changing the saturation by 10% instead.

62.4759, 57.4568,
102.4052

62.4759, 57.4568,
102.4052

423.3549,
415.1588, 589.1892

45.6744, 41.3721,
77.6827

107.4991,
101.1314, 166.5392

32.1925, 28.6100,
57.2985

136.4515,
129.4901, 206.7878

21.6648, 18.7860,
40.8340

170.1850,
162.7089, 253.0488

13.7261, 11.5157,
27.8706

209.0648,
201.1723, 305.7407

8.0108, 6.4148,
17.9900

253.4563,
245.2646, 365.2822

4.1537, 3.0989,
10.7734

303.7249,

1.7895, 1.1836,

295.3701, 432.0918

5.8024

360.2360,
351.8734, 506.5879

■ 0.5113, 0.0483,
2.6585

■ 0.0000, 0.0000,
0.9224

■ 62.4759, 57.4568,
102.4052

■ 62.4759, 57.4568,
102.4052

■ 52.5424, 44.8429,
100.4940

■ 73.9817, 72.3183,
104.6673

■ 44.1052, 34.3585,
98.9150

■ 87.1209, 89.5240,
107.2958

■ 37.0894, 25.8850,
97.6492

95.0500, 100.0000,
108.9000

■ 31.4112, 19.2889,
96.6753

■ 26.9774, 14.4203,
95.9693

■ 23.6811, 11.1052,
95.5031

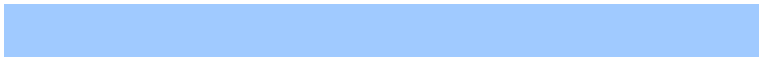
■ 21.3944, 9.1305,
95.2425

■ 20.6203, 8.5450,
95.1703

Harmonies

Analogous

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



55.2720, 57.4568, 111.3661



62.4759, 57.4568, 102.4052



67.9245, 57.4568, 82.6506

Triad

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



62.4759, 57.4568, 102.4052



61.2368, 57.4568, 33.4231



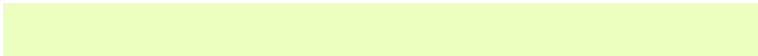
41.8656, 57.4568, 64.4652

Complementary

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



62.4759, 57.4568, 102.4052



79.9803, 93.2427, 62.4999

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.



43.1618, 57.4568, 46.0225



62.4759, 57.4568, 102.4052



53.9552, 57.4568, 30.6173

Square

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



62.4759, 57.4568, 102.4052



67.1659, 57.4568, 43.4121



47.4354, 57.4568, 34.6800



43.7270, 57.4568, 86.6453

Rectangle

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



62.4759, 57.4568, 102.4052



69.5977, 57.4568, 67.7485



47.4354, 57.4568, 34.6800



41.9467, 57.4568, 57.6448

Sweetspot

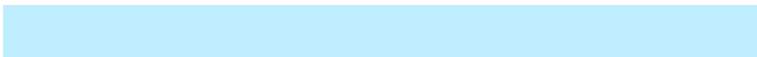
The Sweet Spot groups the original color and five complimentary colors.



62.4776, 57.4591, 102.4055



83.6637, 84.9768, 106.6003



69.7642, 79.1235, 106.2031



17.4751, 17.6211, 22.7301



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.



62.4776, 57.4591, 102.4055



56.8122, 50.2351, 101.3098



72.3434, 62.5451, 102.8672



17.4751, 17.6211, 22.7301



10.8976, 4.5284, 49.7343



1.1613, 0.4926, 4.8471

Inverse Universe

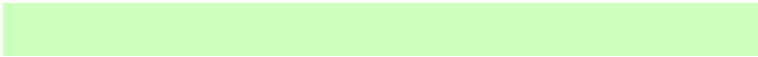
The Inverse Universe completely reimagines the original color for something new.



74.9407, 64.2033, 88.5647



71.4792, 58.1805, 84.6356



70.2785, 88.2412, 62.0459



18.5655, 18.2095, 21.5949



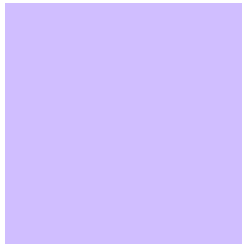
26.1572, 12.9522, 25.2762



2.5932, 1.2796, 2.7051

Previews

White Background



This preview shows how the XYZ color 62.4759, 57.4568, 102.4052 looks on a white background.

Color Contrast Check

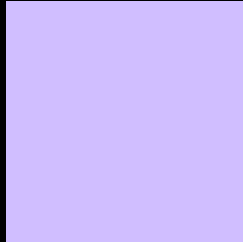
Large Text (above 18pt) WCAG AA × Fail

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 62.4759, 57.4568, 102.4052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

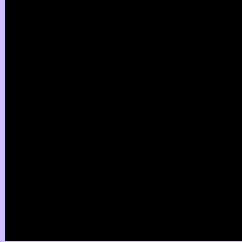
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.4759, 57.4568, 102.4052

Background



This preview shows how black text looks on a background with the XYZ color 62.4759, 57.4568, 102.4052.

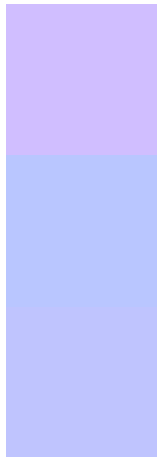


This preview shows how white text looks on a background with the XYZ color 62.4759, 57.4568,

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

62.4759, 57.4568, 102.4052

Protanopia

58.2517, 57.9225, 102.7177

Deuteranopia

59.1152, 57.7120, 101.7898



Tritanopia

56.2917, 57.6098, 71.1037

Trichromacy



Original Color

62.4759, 57.4568, 102.4052

Protanomaly

59.5574, 57.5877, 102.5843

Deuteranomaly

60.2071, 57.6096, 101.7124

Tritanomaly

58.4205, 57.4690, 81.4123

Monochromacy



Original Color

62.4759, 57.4568, 102.4052

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

58.5557, 58.6412, 77.3399

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4759, 57.4568, 102.4052 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(208, 190, 255)` looks like.

```
.text, #text, p{  
    color:rgb(208, 190, 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(208, 190, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 190, 255) }
```

Border

The CSS property to change the border of an element to XYZ 62.4759, 57.4568, 102.4052 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(208, 190, 255) }
```


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

```
.border{ border-color:rgb(208, 190, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 190, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 190, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 190, 255);  
box-shadow:4px 4px 4px 4px rgb(208, 190,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4759, 57.4568, 102.4052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 190, 255) }
```

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

```
.background{ background-color: rgb(208,  
190, 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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