

Converting Colors

XYZ(64.8809, 60.0033,
102.7699)

Have a look what the booklet for
XYZ(64.8809, 60.0033, 102.7699)
contains.

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Color

**XYZ(64.7824, 59.9497,
102.7648)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D5C2FF |
| RGB | 213, 194, 255 |
| RGB Percent | 84%, 76%, 100% |
| CMY | 0.1647, 0.2392, 0.0000 |
| CMYK | 0.16, 0.24, 0.00, 0.00 |
| HSL | 259°, 100%, 88% |
| HSV | 259°, 24%, 100% |
| XYZ | 64.7824, 59.9497, 102.7648 |
| YIQ | 206.6350, -8.2570, 22.9990 |

Conversions

Conversions Part 2

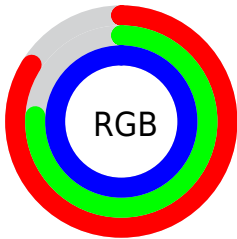
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 213, 194, 255 |
| Decimal | 14009087 |
| CIE Lab | 81.81, 18.43, -27.54 |
| CIE LCh | 82, 33.137, 303.782 |
| Yxy | 59.9497, 0.2848, 0.2635 |
| Android (android.graphics.Color) | 4292199167 (0xFFD5C2FF) |
| YUV | 206.6350, 23.8439, 5.5821 |
| Hunter-Lab | 77.4272, 13.8512, -24.4933 |

Details

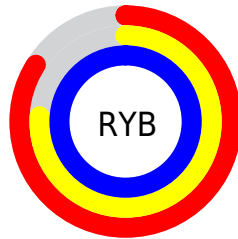
The XYZ color **64.7824, 59.9497, 102.7648** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **80.0908, 93.2484, 64.8191**, and the grayscale version is **58.9304, 61.9994, 67.5173**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **33.6717, 30.1025, 57.4618** is the 20% darker color. If you saturate the color by 10%, you get **54.7668, 47.0734, 100.8073**, and if you desaturate by 10%, it is **76.3266, 75.0625, 105.0734**.

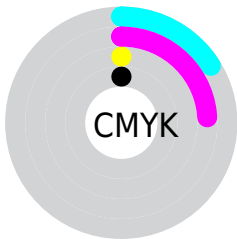
Distribution



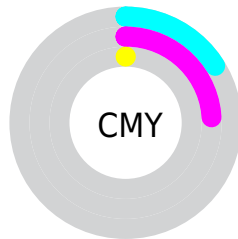
- Red (84%)
- Green (76%)
- Blue (100%)



- Red (84%)
- Yellow (76%)
- Blue (100%)



- Cyan (16%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.7824, 59.9497, 102.7648 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 64.7824, 59.9497, 102.7648 by changing the saturation by 10% instead.

64.7824, 59.9497,
102.7648

64.7824, 59.9497,
102.7648

431.5672,
424.4123, 590.3432

47.5487, 43.3781,
77.9818

110.8044,
104.7567, 167.0364

33.6794, 30.1819,
57.5427

140.3234,
133.7609, 207.3621

22.8091, 19.9767,
41.0288

174.6683,
167.6780, 253.7058

14.5726, 12.3781,
28.0218

214.2043,
206.8926, 306.4861

8.6043, 7.0017,
18.1029

259.2968,
251.7889, 366.1214

4.5390, 3.4632,
10.8537

310.3113,

2.0114, 1.3781,

302.7513, 433.0303

5.8556

367.6129,
360.1644, 507.6314

■ 0.6403, 0.2005,
2.6901

■ 0.0000, 0.0000,
0.9384

■ 64.7824, 59.9497,
102.7648

■ 64.7824, 59.9497,
102.7648

■ 54.7668, 47.0734,
100.8073

■ 76.3266, 75.0625,
105.0734

■ 46.2075, 36.3180,
99.1824

■ 89.4569, 92.5055,
107.7482

■ 39.0335, 27.5681,
97.8716

95.0500, 100.0000,
108.9000

■ 33.1659, 20.6944,
96.8541

■ 28.5167, 15.5518,
96.1065

■ 24.9859, 11.9729,
95.6018

■ 22.4542, 9.7548,
95.3071

■ 21.3099, 8.9005,
95.2026

Harmonies

Analogous

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



57.8712, 59.9497, 111.6903



64.7824, 59.9497, 102.7648



69.9038, 59.9497, 83.7929

Triad

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



64.7824, 59.9497, 102.7648



63.1246, 59.9497, 36.4825



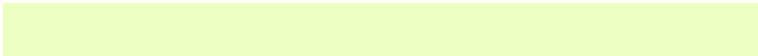
44.5979, 59.9497, 67.8462

Complementary

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



64.7824, 59.9497, 102.7648



80.0908, 93.2484, 64.8191

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.



45.7569, 59.9497, 49.7086



64.7824, 59.9497, 102.7648



56.0987, 59.9497, 33.9160

Square

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



64.7824, 59.9497, 102.7648



68.8930, 59.9497, 46.1319



49.8314, 59.9497, 38.2319



46.5268, 59.9497, 89.0935

Rectangle

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



64.7824, 59.9497, 102.7648



71.4079, 59.9497, 69.5320



49.8314, 59.9497, 38.2319



44.6402, 59.9497, 61.1954

Sweetspot

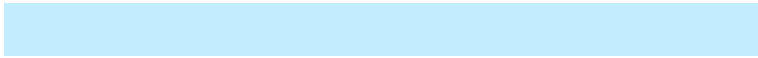
The Sweet Spot groups the original color and five complimentary colors.



64.7841, 59.9521, 102.7652



85.2397, 86.8784, 106.8843



70.4971, 79.0855, 106.1572



18.0718, 18.3652, 22.8423



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.



64.7841, 59.9521, 102.7652



59.5087, 53.1372, 101.7278



74.2362, 64.8248, 103.2075



17.5352, 17.6521, 22.7329



11.2690, 4.7199, 49.7517



1.2039, 0.5145, 4.8491

Inverse Universe

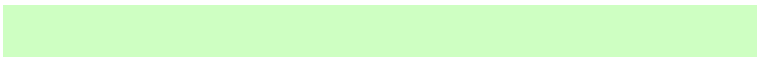
The Inverse Universe completely reimagines the original color for something new.



75.6734, 65.9018, 88.0901



72.3348, 60.1524, 84.1173



71.0083, 88.5662, 64.3940



18.5377, 18.1984, 21.4485



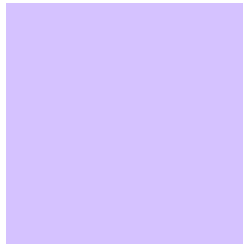
25.6919, 12.7660, 22.8257



2.5508, 1.2627, 2.4817

Previews

White Background



This preview shows how the XYZ color 64.7824, 59.9497, 102.7648 looks on a white background.

Color Contrast Check

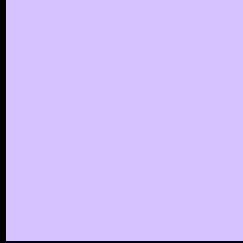
Large Text (above 18pt) WCAG AA × Fail

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 64.7824, 59.9497, 102.7648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

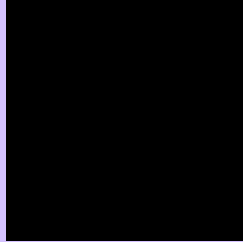
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.7824, 59.9497, 102.7648

Background



This preview shows how black text looks on a background with the XYZ color 64.7824, 59.9497, 102.7648.

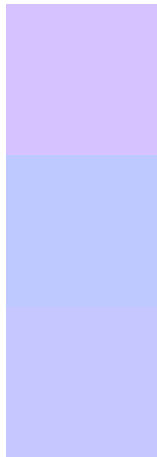


This preview shows how white text looks on a background with the XYZ color 64.7824, 59.9497,

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

64.7824, 59.9497, 102.7648

Protanopia

60.1718, 59.9404, 103.0060

Deuteranopia

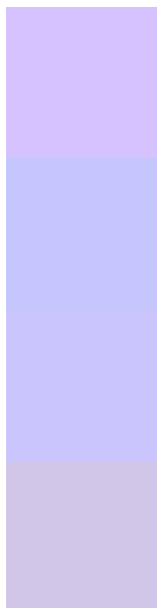
61.3388, 59.8729, 102.0897



Tritanopia

58.8646, 59.9049, 74.1059

Trichromacy



Original Color

64.7824, 59.9497, 102.7648

Protanomaly

61.5328, 59.6139, 102.8713

Deuteranomaly

62.4842, 59.7848, 102.0123

Tritanomaly

60.9124, 59.7130, 83.9166

Monochromacy



Original Color

64.7824, 59.9497, 102.7648

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

60.8696, 61.1782, 79.1214

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.7824, 59.9497, 102.7648 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(213, 194, 255)` looks like.

```
.text, #text, p{  
    color:rgb(213, 194, 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(213, 194, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 194, 255) }
```

Border

The CSS property to change the border of an element to XYZ 64.7824, 59.9497, 102.7648 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(213, 194, 255) }
```


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

```
.border{ border-color:rgb(213, 194, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 194, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 194, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 194, 255);  
box-shadow:4px 4px 4px 4px rgb(213, 194,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 64.7824, 59.9497, 102.7648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 194, 255) }
```

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

```
.background{ background-color: rgb(213,  
194, 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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