

Converting Colors

XYZ(65.0514, 62.6119,
103.2645)

Have a look what the booklet for
XYZ(65.0514, 62.6119, 103.2645)
contains.

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Color

**XYZ(64.9491, 62.4032,
103.2296)**

Conversions

Conversions Part 1

Format	Color
Hex	D0C9FF
RGB	208, 201, 255
RGB Percent	82%, 79%, 100%
CMY	0.1843, 0.2117, 0.0000
CMYK	0.18, 0.21, 0.00, 0.00
HSL	248°, 100%, 89%
HSV	248°, 21%, 100%
XYZ	64.9491, 62.4032, 103.2296
YIQ	209.2490, -13.1620, 18.2780

Conversions

Conversions Part 2

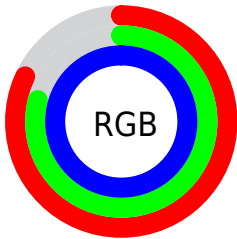
Format	Color
R _Y B	208, 201, 255
Decimal	13683199
CIE Lab	83.13, 13.13, -25.57
CIE LCh	83, 28.741, 297.178
Yxy	62.4032, 0.2817, 0.2706
Android (android.graphics.Color)	4291873279 (0xFFD0C9FF)
YUV	209.2490, 22.5552, -1.0954
Hunter-Lab	78.9957, 8.5176, -22.1817

Details

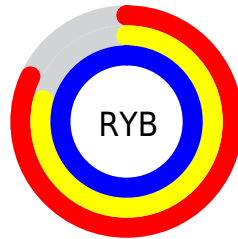
The XYZ color **64.9491, 62.4032, 103.2296** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85.0152, 95.6940, 69.2511**, and the grayscale version is **60.6319, 63.7895, 69.4668**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.7636, 31.7170, 57.7685** is the 20% darker color. If you saturate the color by 10%, you get **53.6814, 48.4917, 101.1383**, and if you desaturate by 10%, it is **78.0804, 78.7432, 105.6914**.

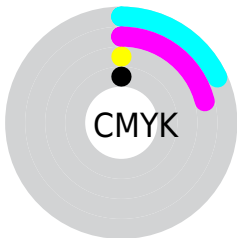
Distribution



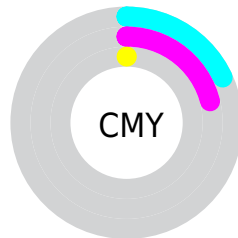
- Red (82%)
- Green (79%)
- Blue (100%)



- Red (82%)
- Yellow (79%)
- Blue (100%)



- Cyan (18%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.9491, 62.4032, 103.2296 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 64.9491, 62.4032, 103.2296 by changing the saturation by 10% instead.

■ 64.9491, 62.4032,
103.2296

■ 64.9491, 62.4032,
103.2296

432.1571,
433.4003, 591.8331

■ 47.6844, 45.3586,
78.3686

111.0428,
108.3081, 167.6788

■ 33.7872, 31.7400,
57.8586

140.6024,
137.9371, 208.1041

■ 22.8923, 21.1630,
41.2810

174.9911,
172.5297, 254.5545

■ 14.6342, 13.2432,
28.2174

214.5742,
212.4703, 307.4487

■ 8.6477, 7.5962,
18.2491

259.7169,
258.1432, 367.2050

■ 4.5674, 3.8377,
10.9577

310.7848,

■ 2.0279, 1.5832,

309.9330, 434.2422

5.9246

368.1431,
368.2239, 508.9787

■ 0.6495, 0.3462,
2.7312

■ 0.0000, 0.0000,
0.9591

■ 64.9491, 62.4032,
103.2296

■ 64.9491, 62.4032,
103.2296

■ 53.6814, 48.4917,
101.1383

■ 78.0804, 78.7432,
105.6914

■ 44.1871, 36.8855,
99.3984

■ 93.1491, 97.6125,
108.5394

■ 36.3767, 27.4615,
97.9911

■ 95.0500, 100.0000,
108.9000

■ 30.1506, 20.0822,
96.8949

■ 25.3985, 14.5946,
96.0861

■ 21.9957, 10.8234,
95.5376

■ 19.7959, 8.5604,
95.2167

■ 18.6788, 7.5442,
95.0794

Harmonies

Analogous

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



58.7251, 62.4032, 108.2559



64.9491, 62.4032, 103.2296



69.9500, 62.4032, 88.2713

Triad

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



64.9491, 62.4032, 103.2296



66.0393, 62.4032, 43.0192



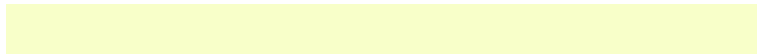
48.1430, 62.4032, 66.2730

Complementary

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



64.9491, 62.4032, 103.2296



85.0152, 95.6940, 69.2511

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.



49.8119, 62.4032, 51.0087



64.9491, 62.4032, 103.2296



59.9035, 62.4032, 39.1380

Square

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



64.9491, 62.4032, 103.2296



70.6098, 62.4032, 53.4611



54.0116, 62.4032, 41.7870



49.2892, 62.4032, 84.8371

Rectangle

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



64.9491, 62.4032, 103.2296



71.7652, 62.4032, 75.8409



54.0116, 62.4032, 41.7870



48.3904, 62.4032, 60.6199

Sweetspot

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



64.9509, 62.4057, 103.2300



85.6311, 88.1849, 107.1159



75.9218, 87.2045, 107.4384



18.1184, 18.6120, 22.8875



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.



64.9509, 62.4057, 103.2300



60.4248, 56.8031, 102.3871



72.9685, 66.5389, 103.6052



17.2218, 17.4906, 22.7183



9.8272, 3.9766, 49.6842



1.0217, 0.4206, 4.8406

Inverse Universe

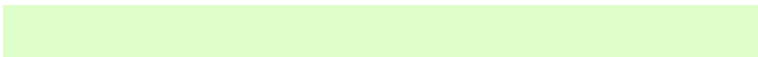
The Inverse Universe completely reimagines the original color for something new.



79.0712, 69.8128, 98.1161



76.6734, 65.3299, 96.3523



76.3364, 91.2200, 68.8450



18.6854, 18.2575, 22.2263



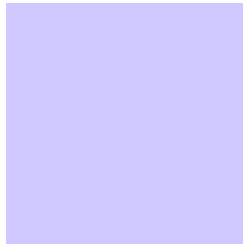
28.4742, 13.8790, 37.4774



2.7995, 1.3622, 3.7914

Previews

White Background



This preview shows how the XYZ color 64.9491, 62.4032, 103.2296 looks on a white background.

Color Contrast Check

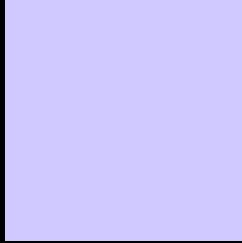
Large Text (above 18pt) WCAG AA × Fail

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 64.9491, 62.4032, 103.2296 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

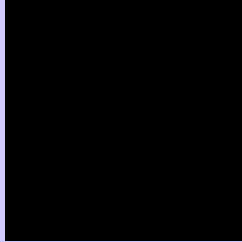
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.9491, 62.4032, 103.2296

Background



This preview shows how black text looks on a background with the XYZ color 64.9491, 62.4032, 103.2296.

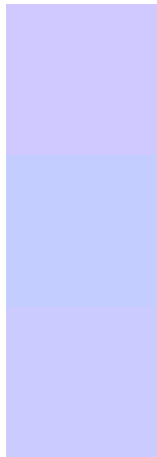


This preview shows how white text looks on a background with the XYZ color 64.9491, 62.4032,

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

64.9491, 62.4032, 103.2296

Protanopia

62.3870, 62.4847, 103.3804

Deuteranopia

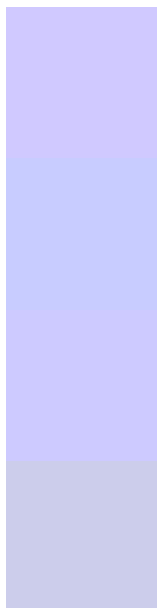
64.0345, 62.6284, 103.3212



Tritanopia

59.9892, 62.5099, 78.7159

Trichromacy



Original Color

64.9491, 62.4032, 103.2296

Protanomaly

63.4623, 62.6851, 103.3624

Deuteranomaly

64.3474, 62.4402, 103.2684

Tritanomaly

61.7286, 62.4982, 87.4072

Monochromacy



Original Color

64.9491, 62.4032, 103.2296

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

62.0933, 63.1889, 80.8755

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.9491, 62.4032, 103.2296 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, 201, 255)` looks like.

```
.text, #text, p{  
    color:rgb(208, 201, 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, 201, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 201, 255) }
```

Border

The CSS property to change the border of an element to XYZ 64.9491, 62.4032, 103.2296 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, 201, 255) }
```


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

```
.border{ border-color:rgb(208, 201, 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, 201, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 201, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 201, 255);  
box-shadow:4px 4px 4px 4px rgb(208, 201,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 64.9491, 62.4032, 103.2296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 201, 255) }
```

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

```
.background{ background-color: rgb(208,  
201, 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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