

Converting Colors

XYZ(65.8539, 60.7189,
111.0916)

Have a look what the booklet for
XYZ(65.8539, 60.7189, 111.0916)
contains.

XYZ(64.1434, 59.9519, 102.7989)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(64.1434, 59.9519,
102.7989)**

Conversions

Conversions Part 1

Format	Color
Hex	D2C3FF
RGB	210, 195, 255
RGB Percent	82%, 76%, 100%
CMY	0.1765, 0.2353, 0.0000
CMYK	0.18, 0.24, 0.00, 0.00
HSL	255°, 100%, 88%
HSV	255°, 24%, 100%
XYZ	64.1434, 59.9519, 102.7989
YIQ	206.3250, -10.3200, 21.8400

Conversions

Conversions Part 2

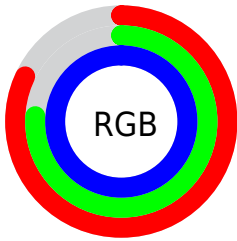
Format	Color
R _Y B	210, 195, 255
Decimal	13812735
CIE Lab	81.81, 16.97, -27.56
CIE LCh	82, 32.366, 301.619
Yxy	59.9519, 0.2827, 0.2642
Android (android.graphics.Color)	4292002815 (0xFFD2C3FF)
YUV	206.3250, 23.9968, 3.2230
Hunter-Lab	77.4286, 12.3729, -24.5170

Details

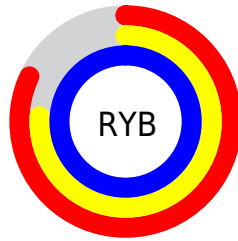
The XYZ color **64.1434, 59.9519, 102.7989** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.5469, 93.9860, 65.4757**, and the grayscale version is **58.7317, 61.7903, 67.2897**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **33.2355, 30.0955, 57.4834** is the 20% darker color. If you saturate the color by 10%, you get **53.7869, 46.8445, 100.8148**, and if you desaturate by 10%, it is **76.1298, 75.3508, 105.1394**.

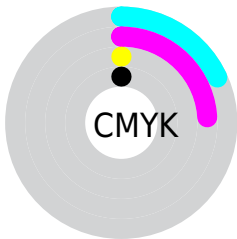
Distribution



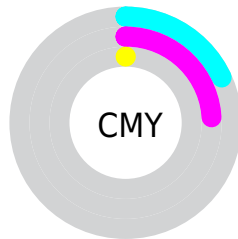
- Red (82%)
- Green (76%)
- Blue (100%)



- Red (82%)
- Yellow (76%)
- Blue (100%)



- Cyan (18%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.1434, 59.9519, 102.7989 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 64.1434, 59.9519, 102.7989 by changing the saturation by 10% instead.

64.1434, 59.9519,
102.7989

64.1434, 59.9519,
102.7989

429.3013,
424.4205, 590.4526

47.0289, 43.3799,
78.0102

109.8900,
104.7599, 167.0835

33.2666, 30.1833,
57.5659

139.2529,
133.7646, 207.4166

22.4910, 19.9777,
41.0473

173.4293,
167.6824, 253.7681

14.3367, 12.3789,
28.0361

212.7845,
206.8976, 306.5567

8.4385, 7.0023,
18.1136

257.6840,
251.7946, 366.2009

4.4309, 3.4635,
10.8613

308.4930,

1.9487, 1.3782,

302.7578, 433.1193

5.8606

365.5770,
360.1716, 507.7303

■ 0.6049, 0.2006,
2.6931

■ 0.0000, 0.0000,
0.9400

■ 64.1434, 59.9519,
102.7989

■ 64.1434, 59.9519,
102.7989

■ 53.7869, 46.8445,
100.8148

■ 76.1298, 75.3508,
105.1394

■ 44.9827, 35.9105,
99.1683

■ 89.8085, 93.1372,
107.8516

■ 37.6543, 27.0320,
97.8408

95.0500, 100.0000,
108.9000

■ 31.7168, 20.0769,
96.8113

■ 27.0755, 14.8972,
96.0561

■ 23.6233, 11.3225,
95.5481

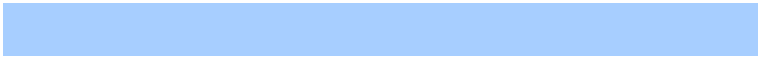
■ 21.2332, 9.1473,
95.2542

■ 20.1478, 8.3014,
95.1482

Harmonies

Analogous

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



57.3541, 59.9519, 110.5161



64.1434, 59.9519, 102.7989



69.3261, 59.9519, 84.8222

Triad

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



64.1434, 59.9519, 102.7989



63.4510, 59.9519, 37.4793



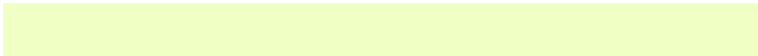
44.8450, 59.9519, 66.3451

Complementary

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



64.1434, 59.9519, 102.7989



81.5469, 93.9860, 65.4757

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.



46.1986, 59.9519, 48.9923



64.1434, 59.9519, 102.7989



56.6125, 59.9519, 34.4542

Square

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



64.1434, 59.9519, 102.7989



68.9044, 59.9519, 47.4890



50.3754, 59.9519, 38.2176



46.5217, 59.9519, 87.0312

Rectangle

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



64.1434, 59.9519, 102.7989



70.9770, 59.9519, 70.9103



50.3754, 59.9519, 38.2176



44.9601, 59.9519, 59.9510

Sweetspot

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



64.1451, 59.9543, 102.7993



84.8626, 86.6840, 106.8667



72.0125, 81.7340, 106.5885



17.9847, 18.3203, 22.8382



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.



64.1451, 59.9543, 102.7993



59.3157, 53.8148, 101.8688



73.1632, 64.6033, 103.2213



17.4284, 17.5971, 22.7279



10.6414, 4.3963, 49.7223



1.1309, 0.4769, 4.8457

Inverse Universe

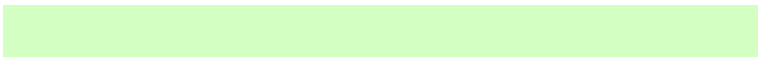
The Inverse Universe completely reimagines the original color for something new.



76.4847, 66.5837, 91.2608



73.6057, 61.4983, 88.2278



72.4758, 89.3097, 65.0512



18.5872, 18.2182, 21.7095



26.5402, 13.1054, 27.2931



2.6278, 1.2935, 2.8874

Previews

White Background



This preview shows how the XYZ color 64.1434, 59.9519, 102.7989 looks on a white background.

Color Contrast Check

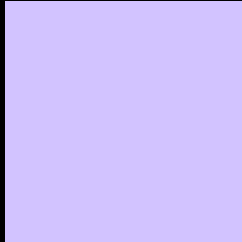
Large Text (above 18pt) WCAG AA × Fail

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 64.1434, 59.9519, 102.7989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

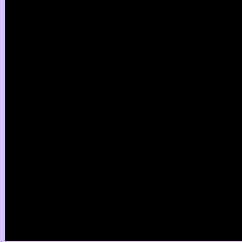
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.1434, 59.9519, 102.7989

Background



This preview shows how black text looks on a background with the XYZ color 64.1434, 59.9519, 102.7989.

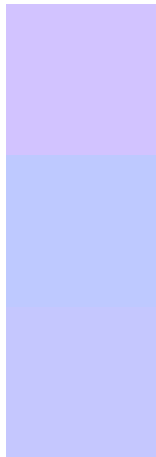


This preview shows how white text looks on a background with the XYZ color 64.1434, 59.9519,

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

64.1434, 59.9519, 102.7989

Protanopia

60.1718, 59.9404, 103.0060

Deuteranopia

61.3388, 59.8729, 102.0897



Tritanopia

58.4040, 59.9995, 74.8325

Trichromacy



Original Color

64.1434, 59.9519, 102.7989

Protanomaly

61.4994, 59.9372, 102.9354

Deuteranomaly

62.4406, 60.1005, 102.0755

Tritanomaly

60.3008, 59.7382, 83.9537

Monochromacy



Original Color

64.1434, 59.9519, 102.7989

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

60.3072, 60.8883, 79.0951

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.1434, 59.9519, 102.7989 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(210, 195, 255)` looks like.

```
.text, #text, p{  
    color:rgb(210, 195, 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(210, 195, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 195, 255) }
```

Border

The CSS property to change the border of an element to XYZ 64.1434, 59.9519, 102.7989 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(210, 195, 255) }
```


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

```
.border{ border-color:rgb(210, 195, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 195, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 195, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 195, 255);  
box-shadow:4px 4px 4px 4px rgb(210, 195,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 64.1434, 59.9519, 102.7989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 195, 255) }
```

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

```
.background{ background-color: rgb(210,  
195, 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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