

Converting Colors

XYZ(72.5699, 63.6742,
144.6437)

Have a look what the booklet for
XYZ(72.5699, 63.6742, 144.6437)
contains.

XYZ(64.6539, 60.5487, 102.8872)	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(64.6539, 60.5487,
102.8872)**

Conversions

Conversions Part 1

Format	Color
Hex	D3C4FF
RGB	211, 196, 255
RGB Percent	83%, 77%, 100%
CMY	0.1725, 0.2314, 0.0000
CMYK	0.17, 0.23, 0.00, 0.00
HSL	255°, 100%, 88%
HSV	255°, 23%, 100%
XYZ	64.6539, 60.5487, 102.8872
YIQ	207.2110, -9.9990, 21.5290

Conversions

Conversions Part 2

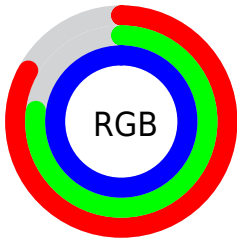
Format	Color
R _Y B	211, 196, 255
Decimal	13878527
CIE Lab	82.14, 16.73, -27.06
CIE LCh	82, 31.817, 301.734
Yxy	60.5487, 0.2835, 0.2655
Android (android.graphics.Color)	4292068607 (0xFFD3C4FF)
YUV	207.2110, 23.5600, 3.3230
Hunter-Lab	77.8130, 12.1406, -23.9262

Details

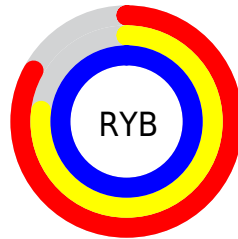
The XYZ color **64.6539, 60.5487, 102.8872** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.6601, 94.0313, 66.0731**, and the grayscale version is **59.3032, 62.3916, 67.9444**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **33.5763, 30.4911, 57.5418** is the 20% darker color. If you saturate the color by 10%, you get **54.2540, 47.3635, 100.8903**, and if you desaturate by 10%, it is **76.6793, 76.0259, 105.2408**.

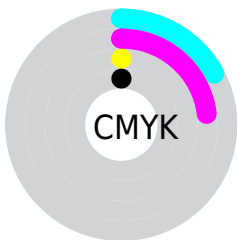
Distribution



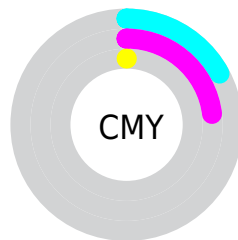
- Red (83%)
- Green (77%)
- Blue (100%)



- Red (83%)
- Yellow (77%)
- Blue (100%)



- Cyan (17%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)



- Cyan (17%)
- Magenta (23%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.6539, 60.5487, 102.8872 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 64.6539, 60.5487, 102.8872 by changing the saturation by 10% instead.

64.6539, 60.5487,
102.8872

64.6539, 60.5487,
102.8872

431.1121,
426.6173, 590.7357

47.4441, 43.8611,
78.0837

110.6206,
105.6252, 167.2056

33.5963, 30.5613,
57.6259

140.1083,
134.7829, 207.5575

22.7451, 20.2650,
41.0952

174.4193,
168.8660, 253.9294

14.5250, 12.5878,
28.0732

213.9190,
208.2590, 306.7396

8.5709, 7.1453,
18.1414

258.9728,
253.3462, 366.4069

4.5172, 3.5532,
10.8810

309.9460,

1.9987, 1.4269,

304.5121, 433.3496

5.8737

367.2040,
362.1410, 507.9864

■ 0.6332, 0.2364,
2.7009

■ 0.0000, 0.0000,
0.9439

■ 64.6539, 60.5487,
102.8872

■ 64.6539, 60.5487,
102.8872

■ 54.2540, 47.3635,
100.8903

■ 76.6793, 76.0259,
105.2408

■ 45.4026, 36.3528,
99.2315

■ 90.3922, 93.8908,
107.9663

■ 38.0241, 27.3993,
97.8922

95.0500, 100.0000,
108.9000

■ 32.0341, 20.3716,
96.8515

■ 27.3391, 15.1228,
96.0858

■ 23.8331, 11.4839,
95.5682

■ 21.3906, 9.2514,
95.2660

■ 20.2186, 8.3380,
95.1515

Harmonies

Analogous

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



57.9435, 60.5487, 110.5267



64.6539, 60.5487, 102.8872



69.7619, 60.5487, 85.1550

Triad

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



64.6539, 60.5487, 102.8872



63.9213, 60.5487, 38.2962



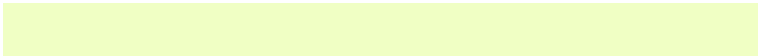
45.5209, 60.5487, 67.0589

Complementary

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



64.6539, 60.5487, 102.8872



81.6601, 94.0313, 66.0731

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.



46.8530, 60.5487, 49.8364



64.6539, 60.5487, 102.8872



57.1577, 60.5487, 35.3022

Square

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



64.6539, 60.5487, 102.8872



69.3161, 60.5487, 48.2365



50.9860, 60.5487, 39.0850



47.1964, 60.5487, 87.4875

Rectangle

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



64.6539, 60.5487, 102.8872



71.3813, 60.5487, 71.4202



50.9860, 60.5487, 39.0850



45.6313, 60.5487, 60.7234

Sweetspot

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



64.6556, 60.5511, 102.8876



84.8886, 86.6973, 106.8679



72.0502, 81.4245, 106.5268



17.9907, 18.3234, 22.8385



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.



64.6556, 60.5511, 102.8876



59.3975, 53.8570, 101.8726



73.8114, 65.2711, 103.3160



17.4357, 17.6009, 22.7283



10.6799, 4.4162, 49.7241



1.1356, 0.4793, 4.8459

Inverse Universe

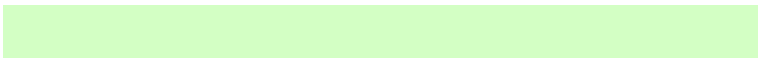
The Inverse Universe completely reimagines the original color for something new.



76.7094, 67.0332, 91.3351



73.5614, 61.4806, 87.9944



72.5176, 89.3182, 65.6452



18.5838, 18.2168, 21.6914



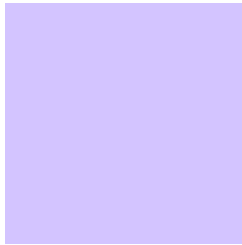
26.4787, 13.0808, 26.9688



2.6222, 1.2913, 2.8581

Previews

White Background



This preview shows how the XYZ color 64.6539, 60.5487, 102.8872 looks on a white background.

Color Contrast Check

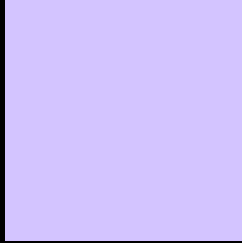
Large Text (above 18pt) WCAG AA × Fail

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 64.6539, 60.5487, 102.8872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

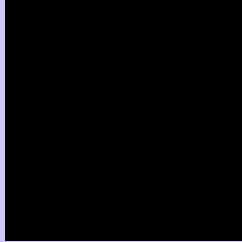
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.6539, 60.5487, 102.8872

Background



This preview shows how black text looks on a background with the XYZ color 64.6539, 60.5487, 102.8872.

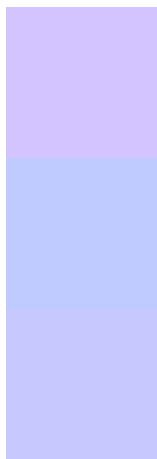


This preview shows how white text looks on a background with the XYZ color 64.6539, 60.5487,

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

64.6539, 60.5487, 102.8872

Protanopia

60.6564, 60.5374, 103.0957

Deuteranopia

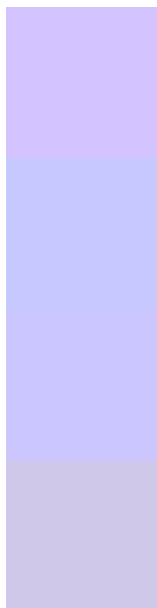
62.0969, 60.6064, 102.1913



Tritanopia

59.3190, 60.8055, 75.6280

Trichromacy



Original Color

64.6539, 60.5487, 102.8872

Protanomaly

61.9930, 60.5343, 103.0247

Deuteranomaly

62.9414, 60.6991, 102.1647

Tritanomaly

60.9519, 60.4001, 84.7898

Monochromacy



Original Color

64.6539, 60.5487, 102.8872

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

60.8229, 61.5036, 79.1867

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.6539, 60.5487, 102.8872 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(211, 196, 255)` looks like.

```
.text, #text, p{  
    color:rgb(211, 196, 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(211, 196, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 196, 255) }
```

Border

The CSS property to change the border of an element to XYZ 64.6539, 60.5487, 102.8872 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(211, 196, 255) }
```


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

```
.border{ border-color:rgb(211, 196, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 196, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 196, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 196, 255);  
box-shadow:4px 4px 4px 4px rgb(211, 196,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 64.6539, 60.5487, 102.8872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 196, 255) }
```

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

```
.background{ background-color: rgb(211,  
196, 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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