

Converting Colors

XYZ(65.1686, 59.2902,
105.2227)

Have a look what the booklet for
XYZ(65.1686, 59.2902, 105.2227)
contains.

XYZ(64.6312, 59.2154, 102.6310)	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(64.6312, 59.2154,
102.6310)**

Conversions

Conversions Part 1

Format	Color
Hex	D6C0FF
RGB	214, 192, 255
RGB Percent	84%, 75%, 100%
CMY	0.1608, 0.2470, 0.0000
CMYK	0.16, 0.25, 0.00, 0.00
HSL	261°, 100%, 88%
HSV	261°, 25%, 100%
XYZ	64.6312, 59.2154, 102.6310
YIQ	205.7600, -7.1110, 24.2570

Conversions

Conversions Part 2

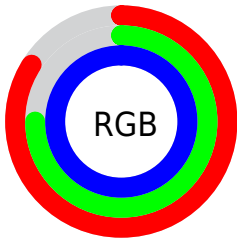
Format	Color
R_{YB}	214, 192, 255
Decimal	14074111
CIE _{Lab}	81.41, 19.81, -28.15
CIE _{LCh}	81, 34.421, 305.138
Yxy	59.2154, 0.2854, 0.2615
Android (android.graphics.Color)	4292264191 (0xFFD6C0FF)
YUV	205.7600, 24.2753, 7.2265
Hunter-Lab	76.9515, 15.2560, -25.2096

Details

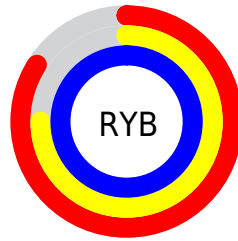
The XYZ color **64.6312, 59.2154, 102.6310** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **78.8798, 92.6499, 63.5976**, and the grayscale version is **58.3674, 61.4070, 66.8722**.

A 20% lighter version of the original color is **92.8574, 95.6148, 108.1691**, and **33.5796, 29.6251, 57.3745** is the 20% darker color. If you saturate the color by 10%, you get **54.9108, 46.6016, 100.7086**, and if you desaturate by 10%, it is **75.8185, 74.0283, 104.9006**.

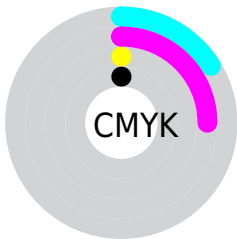
Distribution



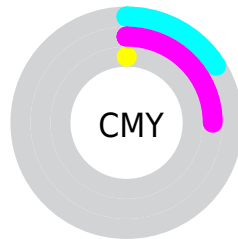
- Red (84%)
- Green (75%)
- Blue (100%)



- Red (84%)
- Yellow (75%)
- Blue (100%)



- Cyan (16%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.6312, 59.2154, 102.6310 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 64.6312, 59.2154, 102.6310 by changing the saturation by 10% instead.

64.6312, 59.2154,
102.6310

64.6312, 59.2154,
102.6310

431.0317,
421.6997, 589.9139

47.4257, 42.7865,
77.8705

110.5881,
103.6907, 166.8514

33.5817, 29.7177,
57.4518

140.0703,
132.5059, 207.1484

22.7338, 19.6244,
40.9563

174.3753,
166.2186, 253.4614

14.5167, 12.1223,
27.9655

213.8686,
205.2133, 306.2088

8.5650, 6.8270,
18.0608

258.9156,
249.8744, 365.8092

4.5134, 3.3542,
10.8238

309.8815,

1.9965, 1.3193,

300.5862, 432.6812

5.8358

367.1317,
357.7332, 507.2432

■ 0.6320, 0.1561,
2.6783

■ 0.0000, 0.0000,
0.9325

■ 64.6312, 59.2154,
102.6310

■ 64.6312, 59.2154,
102.6310

■ 54.9108, 46.6016,
100.7086

■ 75.8185, 74.0283,
104.9006

■ 46.5875, 36.0721,
99.1149

■ 88.5279, 91.1332,
107.5323

■ 39.5930, 27.5124,
97.8314

95.0500, 100.0000,
108.9000

■ 33.8508, 20.7937,
96.8372

■ 29.2760, 15.7713,
96.1089

■ 25.7712, 12.2777,
95.6193

■ 23.2197, 10.1084,
95.3350

■ 22.1743, 9.3461,
95.2430

Harmonies

Analogous

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



57.5313, 59.2154, 112.5672



64.6312, 59.2154, 102.6310



69.7992, 59.2154, 82.6199

Triad

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



64.6312, 59.2154, 102.6310



62.3050, 59.2154, 34.7805



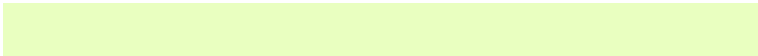
43.5910, 59.2154, 68.0916

Complementary

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



64.6312, 59.2154, 102.6310



78.8798, 92.6499, 63.5976

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.



44.6341, 59.2154, 49.2034



64.6312, 59.2154, 102.6310



55.0518, 59.2154, 32.5032

Square

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



64.6312, 59.2154, 102.6310



68.3779, 59.2154, 44.2445



48.6855, 59.2154, 37.1868



45.7048, 59.2154, 90.0894

Rectangle

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



64.6312, 59.2154, 102.6310



71.2321, 59.2154, 67.8939



48.6855, 59.2154, 37.1868



43.5861, 59.2154, 61.1738

Sweetspot

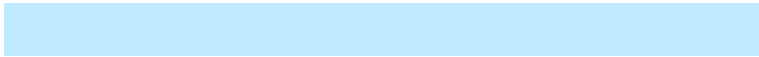
The Sweet Spot groups the original color and five complimentary colors.



64.6329, 59.2178, 102.6314



85.4722, 86.9982, 106.8952



69.2126, 77.2735, 105.8751



18.1256, 18.3930, 22.8448



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.



64.6329, 59.2178, 102.6314



59.3059, 52.2697, 101.5710



74.3829, 64.2440, 103.0877



17.6013, 17.6862, 22.7360



11.7315, 4.9583, 49.7733



1.2550, 0.5409, 4.8515

Inverse Universe

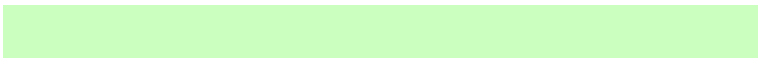
The Inverse Universe completely reimagines the original color for something new.



74.7989, 64.8445, 85.6661



71.3034, 58.9175, 81.2213



69.7686, 87.9529, 63.1712



18.5075, 18.1863, 21.2894



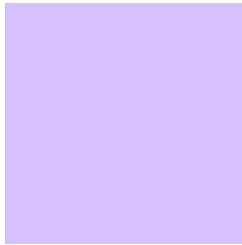
25.2164, 12.5758, 20.3218



2.5069, 1.2452, 2.2510

Previews

White Background



This preview shows how the XYZ color 64.6312, 59.2154, 102.6310 looks on a white background.

Color Contrast Check

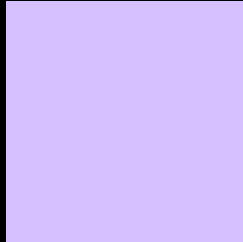
Large Text (above 18pt) WCAG AA × Fail

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 64.6312, 59.2154, 102.6310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

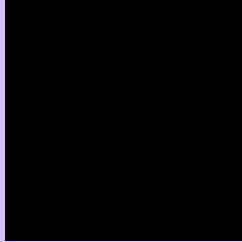
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.6312, 59.2154, 102.6310

Background



This preview shows how black text looks on a background with the XYZ color 64.6312, 59.2154, 102.6310.

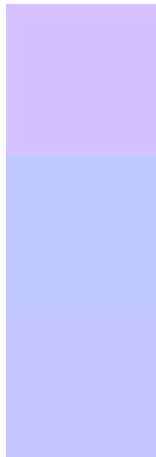


This preview shows how white text looks on a background with the XYZ color 64.6312, 59.2154,

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

64.6312, 59.2154, 102.6310

Protanopia

59.4433, 59.2199, 102.9053

Deuteranopia

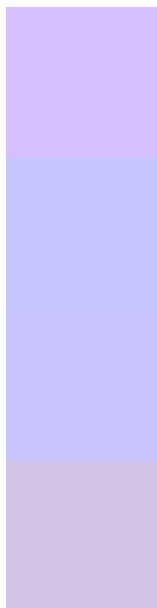
60.5892, 59.1460, 101.9889



Tritanopia

58.4213, 59.0185, 72.6026

Trichromacy



Original Color

64.6312, 59.2154, 102.6310

Protanomaly

61.0422, 59.0228, 102.7830

Deuteranomaly

61.9864, 59.1922, 101.9241

Tritanomaly

60.6012, 58.8947, 83.0367

Monochromacy



Original Color

64.6312, 59.2154, 102.6310

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

60.6357, 60.7104, 79.0434

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.6312, 59.2154, 102.6310 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(214, 192, 255)` looks like.

```
.text, #text, p{  
    color:rgb(214, 192, 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(214, 192, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 192, 255) }
```

Border

The CSS property to change the border of an element to XYZ 64.6312, 59.2154, 102.6310 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(214, 192, 255) }
```


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

```
.border{ border-color:rgb(214, 192, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 192, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 192, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 192, 255);  
box-shadow:4px 4px 4px 4px rgb(214, 192,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 64.6312, 59.2154, 102.6310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 192, 255) }
```

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

```
.background{ background-color: rgb(214,  
192, 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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