

Converting Colors

XYZ(63.1738, 61.5912,
103.1664)

Have a look what the booklet for
XYZ(63.1738, 61.5912, 103.1664)
contains.

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Color

**XYZ(63.0240, 61.4108,
103.1395)**

Conversions

Conversions Part 1

Format	Color
Hex	C9C9FF
RGB	201, 201, 255
RGB Percent	79%, 79%, 100%
CMY	0.2118, 0.2117, 0.0000
CMYK	0.21, 0.21, 0.00, 0.00
HSL	240°, 100%, 89%
HSV	240°, 21%, 100%
XYZ	63.0240, 61.4108, 103.1395
YIQ	207.1560, -17.3340, 16.7940

Conversions

Conversions Part 2

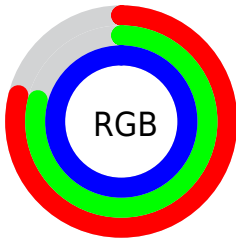
Format	Color
R_{YB}	201, 201, 255
Decimal	13224447
CIE Lab	82.60, 11.01, -26.42
CIE LCh	83, 28.623, 292.622
Yxy	61.4108, 0.2769, 0.2698
Android (android.graphics.Color)	4291414527 (0xFFC9C9FF)
YUV	207.1560, 23.5871, -5.3988
Hunter-Lab	78.3650, 6.4173, -23.1785

Details

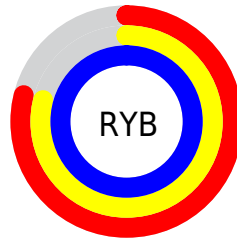
The XYZ color **63.0240, 61.4108, 103.1395** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **87.5423, 96.9960, 69.3681**, and the grayscale version is **59.2710, 62.3577, 67.9075**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.4808, 31.0556, 57.7085** is the 20% darker color. If you saturate the color by 10%, you get **51.2707, 47.2492, 101.0255**, and if you desaturate by 10%, it is **76.9054, 78.1371, 105.6364**.

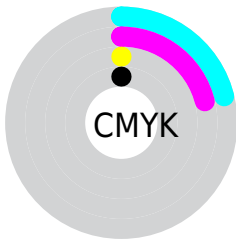
Distribution



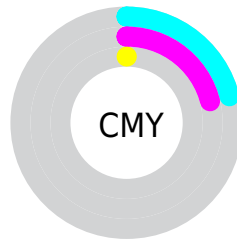
- Red (79%)
- Green (79%)
- Blue (100%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.0240, 61.4108, 103.1395 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 63.0240, 61.4108, 103.1395 by changing the saturation by 10% instead.

■ 63.0240, 61.4108,
103.1395

■ 63.0240, 61.4108,
103.1395

425.3149,
429.7786, 591.5444

■ 46.1193, 44.5568,
78.2936

108.2858,
106.8735, 167.5543

■ 32.5450, 31.1085,
57.7973

137.3736,
136.2510, 207.9603

■ 21.9357, 20.6815,
41.2321

171.2531,
170.5718, 254.3901

■ 13.9260, 12.8914,
28.1794

210.2898,
210.2202, 307.2621

■ 8.1506, 7.3538,
18.2207

254.8490,
255.5807, 366.9951

■ 4.2441, 3.6843,
10.9375

305.2960,

■ 1.8411, 1.4986,

307.0377, 434.0074

5.9112

361.9961,
364.9755, 508.7177

■ 0.5423, 0.2877,
2.7232

■ 0.0000, 0.0000,
0.9551

■ 63.0240, 61.4108,
103.1395

■ 63.0240, 61.4108,
103.1395

■ 51.2707, 47.2492,
101.0255

■ 76.9054, 78.1371,
105.6364

■ 41.5355, 35.5189,
99.2744

■ 93.0071, 97.5384,
108.5325

■ 33.7064, 26.0853,
97.8662

■ 95.0500, 100.0000,
108.9000

■ 27.6585, 18.7980,
96.7783

■ 23.2520, 13.4884,
95.9857

■ 20.3264, 9.9631,
95.4595

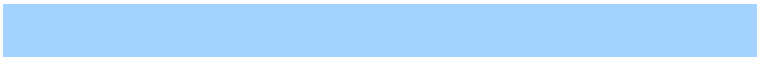
■ 18.6888, 7.9899,
95.1649

■ 18.0501, 7.2202,
95.0500

Harmonies

Analogous

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



56.8677, 61.4108, 106.2664



63.0240, 61.4108, 103.1395



68.2513, 61.4108, 89.5374

Triad

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



63.0240, 61.4108, 103.1395



65.8253, 61.4108, 43.4572



47.4371, 61.4108, 62.6217

Complementary

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



63.0240, 61.4108, 103.1395



87.5423, 96.9960, 69.3681

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.



49.4901, 61.4108, 48.3862



63.0240, 61.4108, 103.1395



59.8967, 61.4108, 38.6518

Square

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



63.0240, 61.4108, 103.1395



69.9460, 61.4108, 54.6974



53.9493, 61.4108, 40.2834



48.1458, 61.4108, 80.7172

Rectangle

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



63.0240, 61.4108, 103.1395



70.3632, 61.4108, 77.4697



53.9493, 61.4108, 40.2834



47.8219, 61.4108, 57.2768

Sweetspot

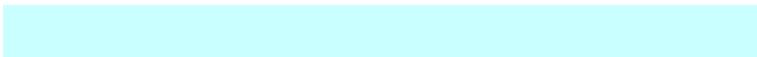
The Sweet Spot groups the original color and five complimentary colors.



63.0258, 61.4132, 103.1399



84.9554, 87.8368, 107.0843



77.7535, 91.1000, 107.3360



17.9594, 18.5301, 22.8801



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.



63.0258, 61.4132, 103.1399



58.2846, 55.7005, 102.2871



70.6478, 65.3419, 103.4964



17.0032, 17.3779, 22.7081



9.4316, 3.7727, 49.6657



0.9183, 0.3674, 4.8358

Inverse Universe

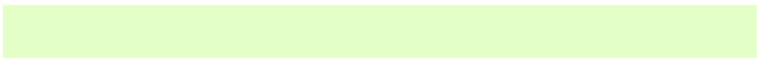
The Inverse Universe completely reimagines the original color for something new.



72.6704, 67.2518, 64.4118



69.3571, 62.4034, 57.8254



78.5845, 92.3789, 68.9490



18.0095, 17.9871, 18.6671



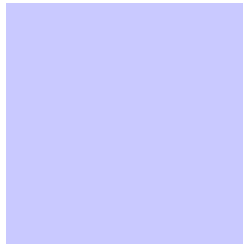
21.5488, 11.1088, 1.0087



2.0981, 1.0816, 0.0983

Previews

White Background



This preview shows how the XYZ color 63.0240, 61.4108, 103.1395 looks on a white background.

Color Contrast Check

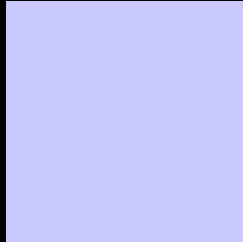
Large Text (above 18pt) WCAG AA × Fail

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 63.0240, 61.4108, 103.1395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

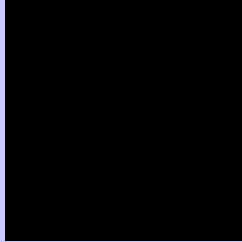
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.0240, 61.4108, 103.1395

Background



This preview shows how black text looks on a background with the XYZ color 63.0240, 61.4108, 103.1395.

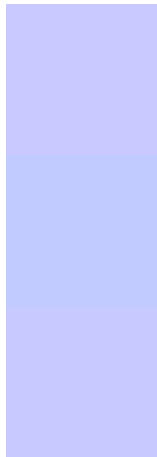


This preview shows how white text looks on a background with the XYZ color 63.0240, 61.4108,

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

63.0240, 61.4108, 103.1395

Protanopia

61.3983, 61.2693, 103.1979

Deuteranopia

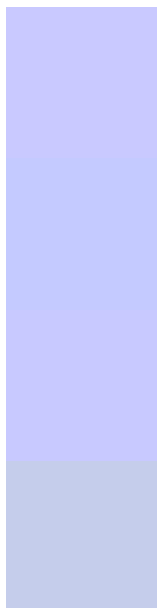
62.7561, 61.2726, 103.1269



Tritanopia

58.1378, 61.5555, 78.6292

Trichromacy



Original Color

63.0240, 61.4108, 103.1395

Protanomaly

61.9355, 61.1968, 103.1556

Deuteranomaly

62.7561, 61.2726, 103.1269

Tritanomaly

59.8527, 61.5311, 87.3194

Monochromacy



Original Color

63.0240, 61.4108, 103.1395

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

60.4627, 62.0236, 79.3060

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.0240, 61.4108, 103.1395 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(201, 201, 255)` looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 63.0240, 61.4108, 103.1395 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(201, 201, 255) }
```


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

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

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

Background

The CSS property to change the background color of an element to XYZ 63.0240, 61.4108, 103.1395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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