

Converting Colors

XYZ(63.1462, 60.7520,
103.0059)

Have a look what the booklet for
XYZ(63.1462, 60.7520, 103.0059)
contains.

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Color

**XYZ(63.1020, 60.7634,
103.0104)**

Conversions

Conversions Part 1

Format	Color
Hex	CBC7FF
RGB	203, 199, 255
RGB Percent	80%, 78%, 100%
CMY	0.2039, 0.2196, 0.0000
CMYK	0.20, 0.22, 0.00, 0.00
HSL	244°, 100%, 89%
HSV	244°, 22%, 100%
XYZ	63.1020, 60.7634, 103.0104
YIQ	206.5800, -15.5920, 18.2640

Conversions

Conversions Part 2

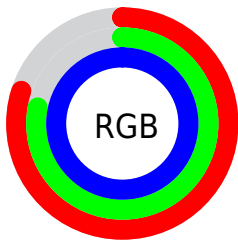
Format	Color
R _Y B	203, 199, 255
Decimal	13355007
CIE Lab	82.25, 12.69, -26.94
CIE LCh	82, 29.777, 295.221
Yxy	60.7634, 0.2781, 0.2678
Android (android.graphics.Color)	4291545087 (0xFFCBC7FF)
YUV	206.5800, 23.8711, -3.1397
Hunter-Lab	77.9509, 8.0834, -23.7848

Details

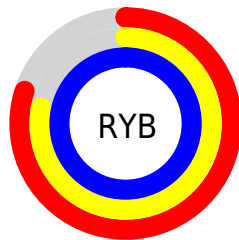
The XYZ color **63.1020, 60.7634, 103.0104** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85.8537, 96.1533, 68.0701**, and the grayscale version is **58.8983, 61.9656, 67.4806**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.5312, 30.6239, 57.6225** is the 20% darker color. If you saturate the color by 10%, you get **51.7557, 46.9233, 100.9370**, and if you desaturate by 10%, it is **76.4197, 77.0821, 105.4583**.

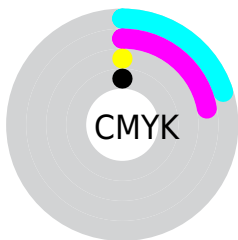
Distribution



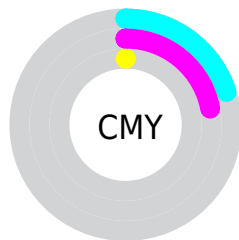
- Red (80%)
- Green (78%)
- Blue (100%)



- Red (80%)
- Yellow (78%)
- Blue (100%)



- Cyan (20%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.1020, 60.7634, 103.0104 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 63.1020, 60.7634, 103.0104 by changing the saturation by 10% instead.

■ 63.1020, 60.7634,
103.0104

■ 63.1020, 60.7634,
103.0104

425.5934,
427.4060, 591.1307

■ 46.1827, 44.0343,
78.1862

108.3976,
105.9363, 167.3759

■ 32.5952, 30.6974,
57.7096

137.5047,
135.1488, 207.7542

■ 21.9743, 20.3686,
41.1621

171.4050,
169.2912, 254.1544

■ 13.9545, 12.6632,
28.1251

210.4640,
208.7480, 306.9948

■ 8.1705, 7.1971,
18.1801

255.0469,
253.9034, 366.6941

■ 4.2570, 3.5856,
10.9086

305.5192,

■ 1.8485, 1.4446,

305.1420, 433.6709

5.8920

362.2463,
362.8480, 508.3435

■ 0.5466, 0.2492,
2.7118

■ 0.0000, 0.0000,
0.9494

■ 63.1020, 60.7634,
103.0104

■ 63.1020, 60.7634,
103.0104

■ 51.7557, 46.9233,
100.9370

■ 76.4197, 77.0821,
105.4583

■ 42.2821, 35.4337,
99.2186

■ 91.7909, 95.9848,
108.2968

■ 34.5818, 26.1660,
97.8356

95.0500, 100.0000,
108.9000

■ 28.5442, 18.9763,
96.7661

■ 24.0461, 13.7038,
95.9855

■ 20.9471, 10.1641,
95.4656

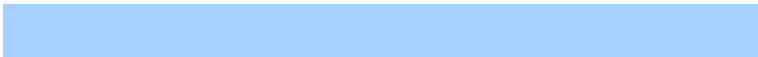
■ 19.0810, 8.1362,
95.1725

■ 18.3033, 7.3506,
95.0619

Harmonies

Analogous

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



56.7448, 60.7634, 107.3757



63.1020, 60.7634, 103.0104



68.3490, 60.7634, 88.1248

Triad

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



63.1020, 60.7634, 103.0104



64.9853, 60.7634, 41.4423



46.4444, 60.7634, 63.2966

Complementary

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



63.1020, 60.7634, 103.0104



85.8537, 96.1533, 68.0701

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.



48.3143, 60.7634, 48.1882



63.1020, 60.7634, 103.0104



58.7747, 60.7634, 37.1273

Square

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



63.1020, 60.7634, 103.0104



69.4909, 60.7634, 52.3798



52.7166, 60.7634, 39.3505



47.4188, 60.7634, 82.1694

Rectangle

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



63.1020, 60.7634, 103.0104



70.3523, 60.7634, 75.4661



52.7166, 60.7634, 39.3505



46.7570, 60.7634, 57.6541

Sweetspot

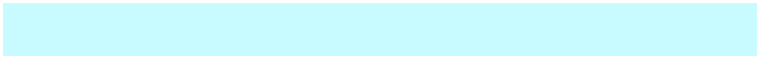
The Sweet Spot groups the original color and five complimentary colors.



63.1038, 60.7658, 103.0108



83.7802, 86.1260, 106.8160



76.1850, 88.5240, 107.6792



17.7348, 18.1915, 22.8265



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.



63.1038, 60.7658, 103.0108



58.2862, 54.8808, 102.1288



71.3441, 65.0138, 103.3964



17.1231, 17.4397, 22.7137



9.6073, 3.8632, 49.6739



0.9753, 0.3967, 4.8384

Inverse Universe

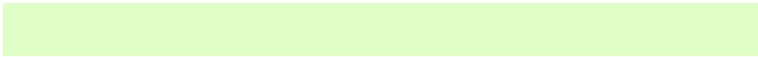
The Inverse Universe completely reimagines the original color for something new.



79.0774, 69.0741, 100.4332



76.6702, 64.4451, 99.0597



76.5838, 91.3745, 67.6362



18.7334, 18.2767, 22.4791



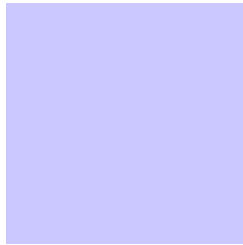
29.5440, 14.3069, 43.1109



2.8927, 1.3995, 4.2824

Previews

White Background



This preview shows how the XYZ color 63.1020, 60.7634, 103.0104 looks on a white background.

Color Contrast Check

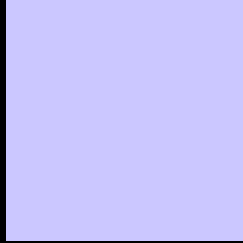
Large Text (above 18pt) WCAG AA × Fail

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 63.1020, 60.7634, 103.0104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

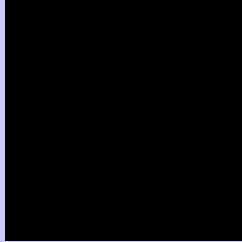
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.1020, 60.7634, 103.0104

Background



This preview shows how black text looks on a background with the XYZ color 63.1020, 60.7634, 103.0104.

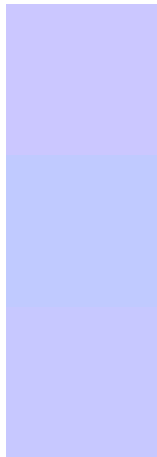


This preview shows how white text looks on a background with the XYZ color 63.1020, 60.7634,

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

63.1020, 60.7634, 103.0104

Protanopia

60.9088, 60.6675, 103.1075

Deuteranopia

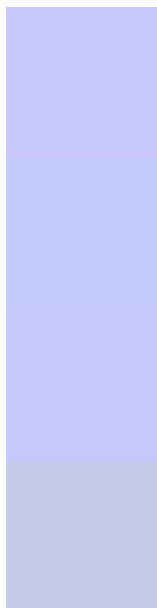
62.2575, 60.6707, 103.0370



Tritanopia

57.9084, 60.7534, 77.0811

Trichromacy



Original Color

63.1020, 60.7634, 103.0104

Protanomaly

61.7016, 60.7291, 103.0776

Deuteranomaly

62.5237, 60.8079, 103.0495

Tritanomaly

59.6171, 60.7372, 85.6721

Monochromacy



Original Color

63.1020, 60.7634, 103.0104

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

60.5010, 61.6894, 79.2395

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.1020, 60.7634, 103.0104 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(203, 199, 255)` looks like.

```
.text, #text, p{  
    color:rgb(203, 199, 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(203, 199, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 199, 255) }
```

Border

The CSS property to change the border of an element to XYZ 63.1020, 60.7634, 103.0104 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(203, 199, 255) }
```


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

```
.border{ border-color:rgb(203, 199, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 199, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 199, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 199, 255);  
box-shadow:4px 4px 4px 4px rgb(203, 199,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 63.1020, 60.7634, 103.0104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 199, 255) }
```

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

```
.background{ background-color: rgb(203,  
199, 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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