

Converting Colors

XYZ(62.0586, 64.6318,
103.8121)

Have a look what the booklet for
XYZ(62.0586, 64.6318, 103.8121)
contains.

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Color

**XYZ(62.0833, 64.4999,
103.7853)**

Conversions

Conversions Part 1

Format	Color
Hex	BCD3FF
RGB	188, 211, 255
RGB Percent	74%, 83%, 100%
CMY	0.2627, 0.1725, 0.0000
CMYK	0.26, 0.17, 0.00, 0.00
HSL	219°, 100%, 87%
HSV	219°, 26%, 100%
XYZ	62.0833, 64.4999, 103.7853
YIQ	209.1390, -27.8320, 8.8080

Conversions

Conversions Part 2

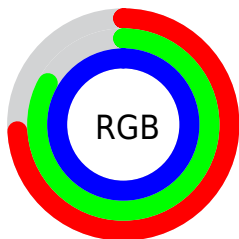
Format	Color
R _Y B	188, 205, 255
Decimal	12375039
CIE Lab	84.23, 1.82, -24.03
CIE LCh	84, 24.095, 274.332
Yxy	64.4999, 0.2695, 0.2800
Android (android.graphics.Color)	4290565119 (0xFFBCD3FF)
YUV	209.1390, 22.6095, -18.5389
Hunter-Lab	80.3118, -2.5602, -20.4009

Details

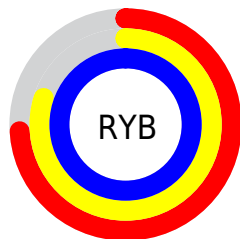
The XYZ color **62.0833, 64.4999, 103.7853** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.1738, 82.6036, 59.3499**, and the grayscale version is **60.5667, 63.7209, 69.3920**.

A 20% lighter version of the original color is **91.4662, 98.1525, 108.7323**, and **31.9229, 33.1777, 58.1475** is the 20% darker color. If you saturate the color by 10%, you get **52.4021, 53.6530, 102.2019**, and if you desaturate by 10%, it is **73.3113, 76.7907, 105.5659**.

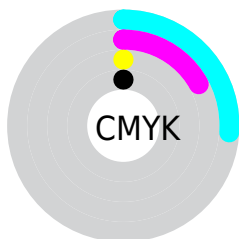
Distribution



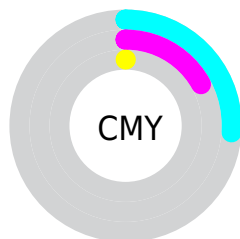
- Red (74%)
- Green (83%)
- Blue (100%)



- Red (74%)
- Yellow (80%)
- Blue (100%)



- Cyan (26%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (26%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.0833, 64.4999, 103.7853 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 62.0833, 64.4999, 103.7853 by changing the saturation by 10% instead.

■ 62.0833, 64.4999,
103.7853

■ 62.0833, 64.4999,
103.7853

421.9476,
440.9926, 593.6117

■ 45.3559, 47.0557,
78.8311

■ 106.9352,
111.3306, 168.4465

■ 31.9403, 33.0797,
58.2365

135.7903,
141.4858, 208.9906

■ 21.4712, 22.1875,
41.5828

169.4188,
176.6468, 255.5683

■ 13.5833, 13.9947,
28.4516

208.1858,
217.1980, 308.5984

■ 7.9112, 8.1170,
18.4244

252.4569,
263.5238, 368.4992

■ 4.0895, 4.1699,
11.0825

302.5973,

■ 1.7529, 1.7691,

316.0086, 435.6893

6.0075

358.9724,
375.0367, 510.5873

■ 0.4890, 0.4678,
2.7808

■ 0.0000, 0.0000,
0.9838

■ 62.0833, 64.4999,
103.7853

■ 62.0833, 64.4999,
103.7853

■ 52.4021, 53.6530,
102.2019

■ 73.3113, 76.7907,
105.5659

■ 44.1908, 44.1861,
100.8074

■ 86.1475, 90.5710,
107.5492

■ 37.3734, 36.0409,
99.5945

95.0500, 100.0000,
108.9000

■ 31.8647, 29.1519,
98.5552

■ 27.5692, 23.4468,
97.6804

■ 24.3767, 18.8443,
96.9603

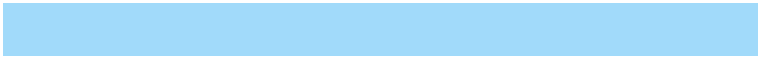
■ 22.1527, 15.2487,
96.3835

■ 21.5025, 14.1250,
96.2008

Harmonies

Analogous

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



56.9684, 64.4999, 100.1756



62.0833, 64.4999, 103.7853



67.2744, 64.4999, 97.3900

Triad

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



62.0833, 64.4999, 103.7853



70.1722, 64.4999, 54.9295



52.5166, 64.4999, 58.2572

Complementary

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



62.0833, 64.4999, 103.7853



79.1738, 82.6036, 59.3499

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.



55.7000, 64.4999, 48.6557



62.0833, 64.4999, 103.7853



65.8567, 64.4999, 46.9389

Square

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



62.0833, 64.4999, 103.7853



72.1133, 64.4999, 68.0337



60.5337, 64.4999, 44.8196



51.6349, 64.4999, 72.4719

Rectangle

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



62.0833, 64.4999, 103.7853



70.0222, 64.4999, 88.7899



60.5337, 64.4999, 44.8196



53.3435, 64.4999, 54.4544

Sweetspot

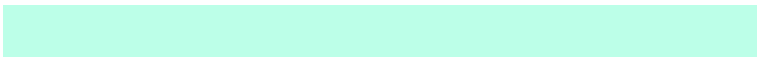
The Sweet Spot groups the original color and five complimentary colors.



62.0851, 64.5024, 103.7857



83.8133, 88.0827, 107.1920



71.0016, 88.0125, 89.2560



17.5128, 18.3973, 22.8779



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.



62.0851, 64.5024, 103.7857



56.3556, 58.1167, 102.8551



59.3365, 55.2007, 102.1352



17.5128, 18.3973, 22.8779



11.3599, 7.6293, 50.3085



1.2031, 0.9368, 4.9307

Inverse Universe

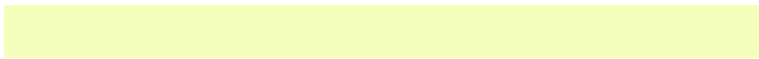
The Inverse Universe completely reimagines the original color for something new.



70.9823, 61.9312, 69.8435



66.8519, 55.5374, 62.7107



82.4764, 94.5545, 61.4826



18.2667, 18.0900, 20.0218



22.5221, 11.4981, 6.1340



2.2419, 1.1391, 0.8550

Previews

White Background



This preview shows how the XYZ color 62.0833, 64.4999, 103.7853 looks on a white background.

Color Contrast Check

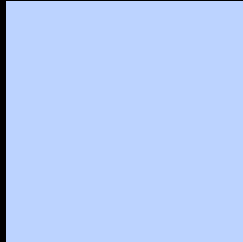
Large Text (above 18pt) WCAG AA × Fail

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 62.0833, 64.4999, 103.7853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

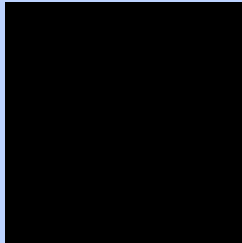
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.0833, 64.4999, 103.7853

Background



This preview shows how black text looks on a background with the XYZ color 62.0833, 64.4999, 103.7853.



This preview shows how white text looks on a background with the XYZ color 62.0833, 64.4999,

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

62.0833, 64.4999, 103.7853

Protanopia

64.1049, 64.4830, 101.9963

Deuteranopia

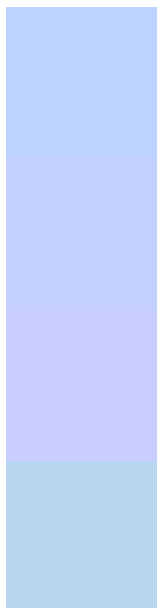
65.6134, 64.1480, 103.5314



Tritanopia

58.3944, 64.4944, 85.7149

Trichromacy



Original Color

62.0833, 64.4999, 103.7853

Protanomaly

63.4548, 64.4924, 102.8698

Deuteranomaly

64.1822, 64.1250, 103.6023

Tritanomaly

59.7823, 64.6987, 91.7753

Monochromacy



Original Color

62.0833, 64.4999, 103.7853

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.8615, 64.0017, 81.0973

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.0833, 64.4999, 103.7853 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(188, 211, 255)` looks like.

```
.text, #text, p{  
    color:rgb(188, 211, 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(188, 211, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 211, 255) }
```

Border

The CSS property to change the border of an element to XYZ 62.0833, 64.4999, 103.7853 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(188, 211, 255) }
```


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

```
.border{ border-color:rgb(188, 211, 255) }
```

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

Here you see how a box with a 4 pixel rgb(188, 211, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 211, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 211, 255);  
box-shadow:4px 4px 4px 4px rgb(188, 211,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 62.0833, 64.4999, 103.7853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 211, 255) }
```

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

```
.background{ background-color: rgb(188,  
211, 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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