

Converting Colors

XYZ(61.9454, 63.0220,
103.5073)

Have a look what the booklet for
XYZ(61.9454, 63.0220, 103.5073)
contains.

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Color

**XYZ(61.8487, 62.9220,
103.4931)**

Conversions

Conversions Part 1

Format	Color
Hex	BFCFFF
RGB	191, 207, 255
RGB Percent	75%, 81%, 100%
CMY	0.2510, 0.1882, 0.0000
CMYK	0.25, 0.19, 0.00, 0.00
HSL	225°, 100%, 87%
HSV	225°, 25%, 100%
XYZ	61.8487, 62.9220, 103.4931
YIQ	207.6880, -24.9440, 11.5360

Conversions

Conversions Part 2

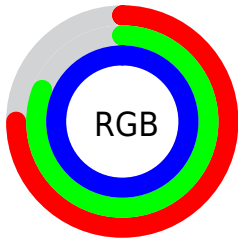
Format	Color
R_{YB}	191, 204, 255
Decimal	12570623
CIE Lab	83.40, 4.82, -25.26
CIE LCh	83, 25.719, 280.813
Yxy	62.9220, 0.2710, 0.2757
Android (android.graphics.Color)	4290760703 (0xFFBFCFFF)
YUV	207.6880, 23.3248, -14.6354
Hunter-Lab	79.3234, 0.3611, -21.8292

Details

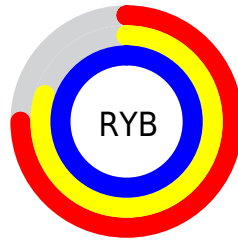
The XYZ color **61.8487, 62.9220, 103.4931** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.5106, 86.7542, 61.7413**, and the grayscale version is **59.6192, 62.7241, 68.3065**.

A 20% lighter version of the original color is **92.5214, 98.6965, 108.7817**, and **31.7376, 32.0939, 57.9481** is the 20% darker color. If you saturate the color by 10%, you get **51.6295, 51.1885, 101.7669**, and if you desaturate by 10%, it is **73.7491, 76.3583, 105.4594**.

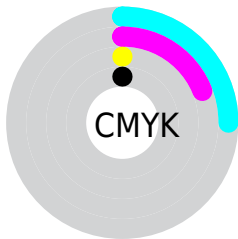
Distribution



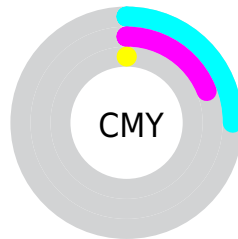
- Red (75%)
- Green (81%)
- Blue (100%)



- Red (75%)
- Yellow (80%)
- Blue (100%)



- Cyan (25%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.8487, 62.9220, 103.4931 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 61.8487, 62.9220, 103.4931 by changing the saturation by 10% instead.

■ 61.8487, 62.9220,
103.4931

■ 61.8487, 62.9220,
103.4931

421.1053,
435.2864, 592.6768

■ 45.1656, 45.7781,
78.5879

■ 106.5980,
109.0570, 168.0429

■ 31.7897, 32.0708,
58.0377

135.3949,
138.8168, 208.5245

■ 21.3557, 21.4156,
41.4241

168.9605,
173.5508, 255.0354

■ 13.4982, 13.4281,
28.3284

207.6600,
213.6433, 307.9940

■ 7.8518, 7.7240,
18.3322

251.8589,
259.4787, 367.8189

■ 4.0513, 3.9188,
11.0168

301.9225,

■ 1.7312, 1.6283,

311.4415, 434.9286

5.9638

358.2162,
369.9159, 509.7418

■ 0.4757, 0.3765,
2.7547

■ 0.0000, 0.0000,
0.9708

■ 61.8487, 62.9220,
103.4931

■ 61.8487, 62.9220,
103.4931

■ 51.6295, 51.1885,
101.7669

■ 73.7491, 76.3583,
105.4594

■ 43.0083, 41.0808,
100.2703

■ 87.3980, 91.5557,
107.6734

■ 35.9027, 32.5264,
98.9937

95.0500, 100.0000,
108.9000

■ 30.2204, 25.4444,
97.9262

■ 25.8585, 19.7460,
97.0562

■ 22.6990, 15.3312,
96.3706

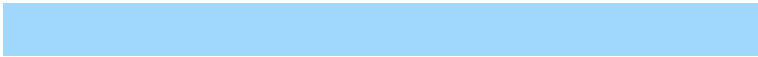
■ 20.6001, 12.0845,
95.8545

■ 19.8697, 10.8594,
95.6566

Harmonies

Analogous

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



56.3352, 62.9220, 101.9658



61.8487, 62.9220, 103.4931



67.1243, 62.9220, 94.6076

Triad

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



61.8487, 62.9220, 103.4931



68.3326, 62.9220, 50.2647



50.1996, 62.9220, 58.8659

Complementary

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



61.8487, 62.9220, 103.4931



81.5106, 86.7542, 61.7413

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.



53.0390, 62.9220, 47.7180



61.8487, 62.9220, 103.4931



63.4154, 62.9220, 43.3144

Square

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



61.8487, 62.9220, 103.4931



71.0201, 62.9220, 62.8865



57.8077, 62.9220, 42.4613



49.8383, 62.9220, 74.4620

Rectangle

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



61.8487, 62.9220, 103.4931



69.7092, 62.9220, 84.6807



57.8077, 62.9220, 42.4613



50.8872, 62.9220, 54.5436

Sweetspot

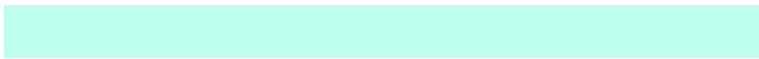
The Sweet Spot groups the original color and five complimentary colors.



61.8505, 62.9244, 103.4935



83.2510, 86.9582, 107.0045



72.6696, 88.7660, 94.1417



17.3720, 18.1155, 22.8310



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.



61.8505, 62.9244, 103.4935



56.6340, 56.9621, 102.6176



62.1173, 57.5956, 102.4509



17.3720, 18.1155, 22.8310



10.4810, 5.8716, 50.0155



1.1027, 0.7361, 4.8972

Inverse Universe

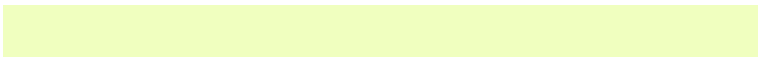
The Inverse Universe completely reimagines the original color for something new.



71.1345, 63.0282, 67.4506



67.4101, 57.3602, 60.7195



81.1224, 93.8188, 63.1253



18.1956, 18.0616, 19.6474



22.0785, 11.3207, 3.7981



2.1912, 1.1189, 0.5883

Previews

White Background



This preview shows how the XYZ color 61.8487, 62.9220, 103.4931 looks on a white background.

Color Contrast Check

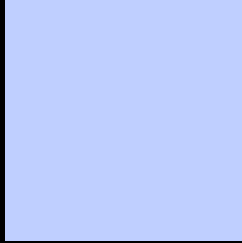
Large Text (above 18pt) WCAG AA × Fail

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 61.8487, 62.9220, 103.4931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

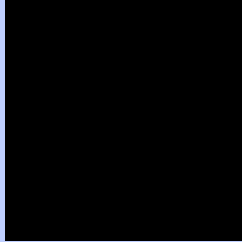
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.8487, 62.9220, 103.4931

Background



This preview shows how black text looks on a background with the XYZ color 61.8487, 62.9220, 103.4931.



This preview shows how white text looks on a background with the XYZ color 61.8487, 62.9220,

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

61.8487, 62.9220, 103.4931

Protanopia

62.9867, 63.1687, 102.6390

Deuteranopia

64.0345, 62.6284, 103.3212



Tritanopia

57.9360, 63.1832, 83.2708

Trichromacy



Original Color

61.8487, 62.9220, 103.4931

Protanomaly

62.4664, 62.9005, 102.6146

Deuteranomaly

63.1961, 62.5478, 103.3499

Tritanomaly

59.2182, 62.9576, 89.9198

Monochromacy



Original Color

61.8487, 62.9220, 103.4931

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

60.5036, 63.1045, 80.2257

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8487, 62.9220, 103.4931 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(191, 207, 255)` looks like.

```
.text, #text, p{  
    color:rgb(191, 207, 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(191, 207, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 207, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.8487, 62.9220, 103.4931 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(191, 207, 255) }
```


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

```
.border{ border-color:rgb(191, 207, 255) }
```

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

Here you see how a box with a 4 pixel rgb(191, 207, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 207, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 207, 255);  
box-shadow:4px 4px 4px 4px rgb(191, 207,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8487, 62.9220, 103.4931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 207, 255) }
```

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

```
.background{ background-color: rgb(191,  
207, 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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