

Converting Colors

XYZ(61.3491, 62.6645,
103.4697)

Have a look what the booklet for
XYZ(61.3491, 62.6645, 103.4697)
contains.

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Color

**XYZ(61.3491, 62.6645,
103.4697)**

Conversions

Conversions Part 1

Format	Color
Hex	BDCFFF
RGB	189, 207, 255
RGB Percent	74%, 81%, 100%
CMY	0.2588, 0.1882, 0.0000
CMYK	0.26, 0.19, 0.00, 0.00
HSL	224°, 100%, 87%
HSV	224°, 26%, 100%
XYZ	61.3491, 62.6645, 103.4697
YIQ	207.0900, -26.1360, 11.1120

Conversions

Conversions Part 2

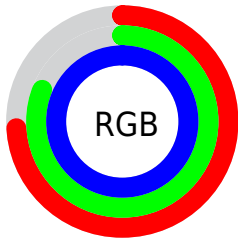
Format	Color
R _Y B	189, 203, 255
Decimal	12439551
CIE Lab	83.27, 4.24, -25.48
CIE LCh	83, 25.832, 279.448
Yxy	62.6645, 0.2697, 0.2755
Android (android.graphics.Color)	4290629631 (0xFFBDCFFF)
YUV	207.0900, 23.6196, -15.8649
Hunter-Lab	79.1609, -0.1955, -22.0842

Details

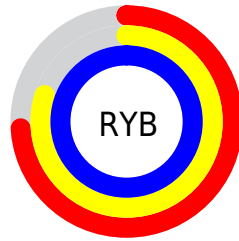
The XYZ color **61.3491, 62.6645, 103.4697** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **80.7095, 85.5020, 60.3956**, and the grayscale version is **59.2324, 62.3171, 67.8633**.

A 20% lighter version of the original color is **91.8160, 98.3328, 108.7487**, and **31.4158, 31.9280, 57.9330** is the 20% darker color. If you saturate the color by 10%, you get **51.3390, 51.2229, 101.7889**, and if you desaturate by 10%, it is **73.0025, 75.7397, 105.3793**.

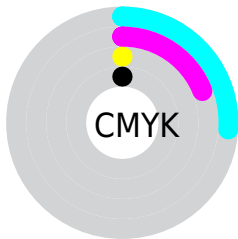
Distribution



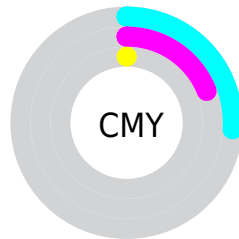
- Red (74%)
- Green (81%)
- Blue (100%)



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



- Cyan (26%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (26%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.3491, 62.6645, 103.4697 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 61.3491, 62.6645, 103.4697 by changing the saturation by 10% instead.

■ 61.3491, 62.6645,
103.4697

■ 61.3491, 62.6645,
103.4697

419.3083,
434.3509, 592.6019

■ 44.7606, 45.5698,
78.5684

■ 105.8795,
108.6853, 168.0105

■ 31.4694, 31.9065,
58.0218

134.5521,
138.3803, 208.4872

■ 21.1101, 21.2901,
41.4114

167.9834,
173.0442, 254.9927

■ 13.3174, 13.3362,
28.3185

206.5388,
213.0614, 307.9456

■ 7.7260, 7.6605,
18.3248

250.5836,
258.8162, 367.7644

■ 3.9704, 3.8785,
11.0116

300.4833,

■ 1.6854, 1.6058,

310.6932, 434.8677

5.9603

356.6030,
369.0766, 509.6740

■ 0.4471, 0.3615,
2.7526

■ 0.0000, 0.0000,
0.9697

■ 61.3491, 62.6645,
103.4697

■ 61.3491, 62.6645,
103.4697

■ 51.3390, 51.2229,
101.7889

■ 73.0025, 75.7397,
105.3793

■ 42.8905, 41.3411,
100.3268

■ 86.3651, 90.5036,
107.5247

■ 35.9226, 32.9504,
99.0745

95.0500, 100.0000,
108.9000

■ 30.3444, 25.9737,
98.0218

■ 26.0546, 20.3262,
97.1579

■ 22.9365, 15.9128,
96.4703

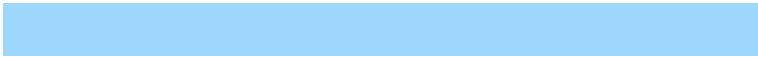
■ 20.8488, 12.6224,
95.9453

■ 20.2123, 11.5446,
95.7708

Harmonies

Analogous

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



55.8533, 62.6645, 101.4407



61.3491, 62.6645, 103.4697



66.6812, 62.6645, 94.9770

Triad

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



61.3491, 62.6645, 103.4697



68.2854, 62.6645, 50.4234



50.0199, 62.6645, 57.9494

Complementary

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



61.3491, 62.6645, 103.4697



80.7095, 85.5020, 60.3956

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.



52.9661, 62.6645, 47.0462



61.3491, 62.6645, 103.4697



63.4287, 62.6645, 43.1981

Square

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



61.3491, 62.6645, 103.4697



70.8484, 62.6645, 63.2843



57.8075, 62.6645, 42.0672



49.5405, 62.6645, 73.4290

Rectangle

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



61.3491, 62.6645, 103.4697



69.3421, 62.6645, 85.1715



57.8075, 62.6645, 42.0672



50.7454, 62.6645, 53.7003

Sweetspot

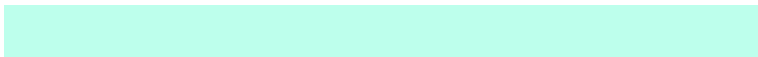
The Sweet Spot groups the original color and five complimentary colors.



61.3509, 62.6669, 103.4701



83.3875, 87.2311, 107.0500



71.9311, 88.4129, 92.8605



17.4061, 18.1838, 22.8424



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.



61.3509, 62.6669, 103.4701



56.0258, 56.6094, 102.5816



60.9593, 56.3556, 102.2726



17.4061, 18.1838, 22.8424



10.6669, 6.2433, 50.0775



1.1248, 0.7804, 4.9046

Inverse Universe

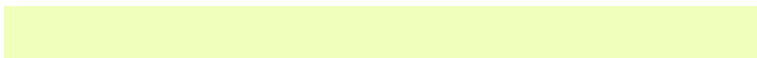
The Inverse Universe completely reimagines the original color for something new.



70.7013, 62.1618, 67.3063



66.8923, 56.3458, 60.4813



81.1192, 93.8424, 61.9839



18.2129, 18.0685, 19.7382



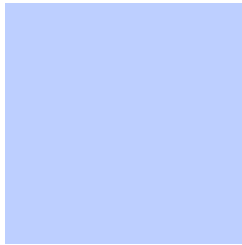
22.1723, 11.3582, 4.2920



2.2024, 1.1233, 0.6471

Previews

White Background



This preview shows how the XYZ color 61.3491, 62.6645, 103.4697 looks on a white background.

Color Contrast Check

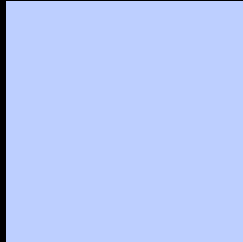
Large Text (above 18pt) WCAG AA × Fail

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 61.3491, 62.6645, 103.4697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

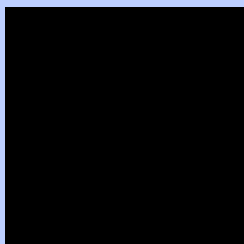
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.3491, 62.6645, 103.4697

Background



This preview shows how black text looks on a background with the XYZ color 61.3491, 62.6645, 103.4697.



This preview shows how white text looks on a background with the XYZ color 61.3491, 62.6645,

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

61.3491, 62.6645, 103.4697

Protanopia

62.4857, 62.5542, 102.5467

Deuteranopia

64.0345, 62.6284, 103.3212



Tritanopia

57.4535, 62.9345, 83.2482

Trichromacy



Original Color

61.3491, 62.6645, 103.4697

Protanomaly

61.9530, 62.6358, 102.5906

Deuteranomaly

62.9316, 62.4115, 103.3375

Tritanomaly

58.7289, 62.7053, 89.8969

Monochromacy



Original Color

61.3491, 62.6645, 103.4697

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.5868, 62.2868, 79.4030

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3491, 62.6645, 103.4697 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(189, 207, 255)` looks like.

```
.text, #text, p{  
    color:rgb(189, 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(189, 207, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 207, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.3491, 62.6645, 103.4697 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(189, 207, 255) }
```


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

```
.border{ border-color:rgb(189, 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(189, 207, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 207, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 207, 255);  
box-shadow:4px 4px 4px 4px rgb(189, 207,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3491, 62.6645, 103.4697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 207, 255) }
```

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

```
.background{ background-color: rgb(189,  
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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