

Converting Colors

XYZ(71.8529, 65.0958,
155.6871)

Have a look what the booklet for
XYZ(71.8529, 65.0958, 155.6871)
contains.

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Color

**XYZ(61.9355, 61.1968,
103.1556)**

Conversions

Conversions Part 1

Format	Color
Hex	C4CAFF
RGB	196, 202, 255
RGB Percent	77%, 79%, 100%
CMY	0.2314, 0.2078, 0.0000
CMYK	0.23, 0.21, 0.00, 0.00
HSL	234°, 100%, 88%
HSV	234°, 23%, 100%
XYZ	61.9355, 61.1968, 103.1556
YIQ	206.2480, -20.5890, 15.2110

Conversions

Conversions Part 2

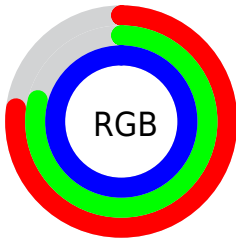
Format	Color
RYB	196, 201, 255
Decimal	12897023
CIELab	82.48, 8.98, -26.63
CIElCh	82, 28.102, 288.634
Yxy	61.1968, 0.2737, 0.2704
Android (android.graphics.Color)	4291087103 (0xFFC4CAFF)
YUV	206.2480, 24.0347, -8.9875
Hunter-Lab	78.2284, 4.4235, -23.4227

Details

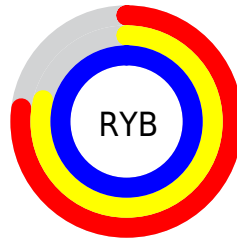
The XYZ color **61.9355, 61.1968, 103.1556** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85.0795, 92.9964, 65.6923**, and the grayscale version is **58.6868, 61.7431, 67.2383**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **31.7675, 30.9197, 57.7199** is the 20% darker color. If you saturate the color by 10%, you get **50.8763, 48.1017, 101.2108**, and if you desaturate by 10%, it is **74.9232, 76.4732, 105.4197**.

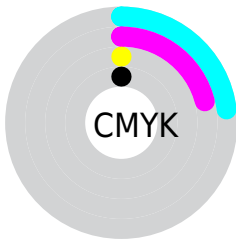
Distribution



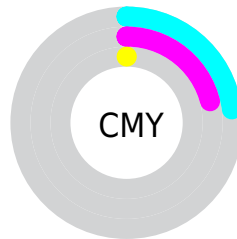
- Red (77%)
- Green (79%)
- Blue (100%)



- Red (77%)
- Yellow (79%)
- Blue (100%)



- Cyan (23%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (23%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.9355, 61.1968, 103.1556 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 61.9355, 61.1968, 103.1556 by changing the saturation by 10% instead.

■ 61.9355, 61.1968,
103.1556

■ 61.9355, 61.1968,
103.1556

421.4171,
428.9952, 591.5960

■ 45.2360, 44.3840,
78.3070

106.7228,
106.5638, 167.5766

■ 31.8454, 30.9725,
57.8083

135.5412,
135.8869, 207.9860

■ 21.3984, 20.5779,
41.2408

169.1301,
170.1488, 254.4194

■ 13.5297, 12.8158,
28.1862

207.8546,
209.7340, 307.2955

■ 7.8738, 7.3018,
18.2258

252.0802,
255.0268, 367.0326

■ 4.0654, 3.6516,
10.9411

302.1723,

■ 1.7392, 1.4806,

306.4117, 434.0494

5.9136

358.4961,
364.2730, 508.7643

■ 0.4806, 0.2750,
2.7247

■ 0.0000, 0.0000,
0.9558

■ 61.9355, 61.1968,
103.1556

■ 61.9355, 61.1968,
103.1556

■ 50.8763, 48.1017,
101.2108

■ 74.9232, 76.4732,
105.4197

■ 41.6483, 37.0814,
99.5701

■ 89.9199, 94.0167,
108.0155

■ 34.1537, 28.0310,
98.2182

95.0500, 100.0000,
108.9000

■ 28.2834, 20.8338,
97.1384

■ 23.9158, 15.3604,
96.3121

■ 20.9119, 11.4647,
95.7185

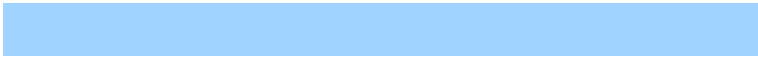
■ 19.1063, 8.9758,
95.3332

■ 18.4180, 7.9561,
95.1727

Harmonies

Analogous

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



55.9188, 61.1968, 104.6152



61.9355, 61.1968, 103.1556



67.2734, 61.1968, 90.9751

Triad

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



61.9355, 61.1968, 103.1556



66.1388, 61.1968, 44.7598



47.5595, 61.1968, 60.3235

Complementary

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



61.9355, 61.1968, 103.1556



85.0795, 92.9964, 65.6923

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.



49.9196, 61.1968, 47.0733



61.9355, 61.1968, 103.1556



60.4721, 61.1968, 39.1762

Square

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



61.9355, 61.1968, 103.1556



69.8130, 61.1968, 56.6109



54.5521, 61.1968, 39.9430



47.8918, 61.1968, 77.7730

Rectangle

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



61.9355, 61.1968, 103.1556



69.6005, 61.1968, 79.4272



54.5521, 61.1968, 39.9430



48.0574, 61.1968, 55.2921

Sweetspot

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



61.9373, 61.1992, 103.1559



83.8816, 86.9633, 106.9723



75.4872, 90.0408, 102.3032



17.7582, 18.3846, 22.8626



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.



61.9373, 61.1992, 103.1559



56.3223, 54.5628, 102.1709



66.8894, 61.7022, 102.9920



17.1516, 17.6749, 22.7576



9.6721, 4.2539, 49.7459



0.9887, 0.5081, 4.8592

Inverse Universe

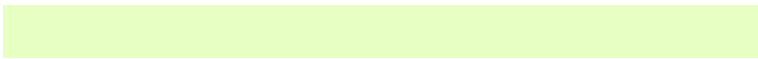
The Inverse Universe completely reimagines the original color for something new.



71.6418, 65.0057, 64.6511



67.6864, 59.1306, 57.0569



79.1278, 92.7259, 65.9538



18.0844, 18.0171, 19.0618



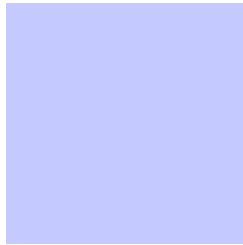
21.6702, 11.1574, 1.6480



2.1337, 1.0958, 0.2853

Previews

White Background



This preview shows how the XYZ color 61.9355, 61.1968, 103.1556 looks on a white background.

Color Contrast Check

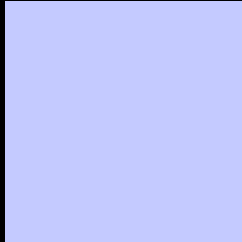
Large Text (above 18pt) WCAG AA × Fail

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 61.9355, 61.1968, 103.1556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

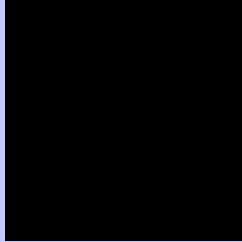
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.9355, 61.1968, 103.1556

Background



This preview shows how black text looks on a background with the XYZ color 61.9355, 61.1968, 103.1556.

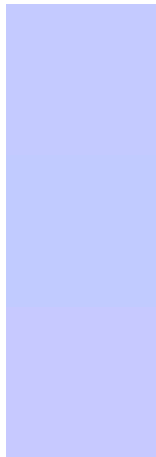


This preview shows how white text looks on a background with the XYZ color 61.9355, 61.1968,

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

61.9355, 61.1968, 103.1556

Protanopia

61.3983, 61.2693, 103.1979

Deuteranopia

62.4898, 61.1354, 103.1145



Tritanopia

57.2456, 61.4407, 79.3631

Trichromacy



Original Color

61.9355, 61.1968, 103.1556

Protanomaly

61.6541, 61.4012, 103.2098

Deuteranomaly

62.2253, 60.9991, 103.1021

Tritanomaly

58.8049, 61.3472, 87.3391

Monochromacy



Original Color

61.9355, 61.1968, 103.1556

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

59.6430, 61.6010, 79.2677

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9355, 61.1968, 103.1556 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(196, 202, 255)` looks like.

```
.text, #text, p{  
    color:rgb(196, 202, 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(196, 202, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 202, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.9355, 61.1968, 103.1556 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(196, 202, 255) }
```


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

```
.border{ border-color:rgb(196, 202, 255) }
```

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

Here you see how a box with a 4 pixel rgb(196, 202, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 202, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 202, 255);  
box-shadow:4px 4px 4px 4px rgb(196, 202,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9355, 61.1968, 103.1556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 202, 255) }
```

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

```
.background{ background-color: rgb(196,  
202, 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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