

Converting Colors

XYZ(62.2231, 61.6792,
104.6506)

Have a look what the booklet for
XYZ(62.2231, 61.6792, 104.6506)
contains.

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Color

**XYZ(61.9116, 61.5340,
103.2219)**

Conversions

Conversions Part 1

Format	Color
Hex	C3CBFF
RGB	195, 203, 255
RGB Percent	76%, 80%, 100%
CMY	0.2353, 0.2039, 0.0000
CMYK	0.24, 0.20, 0.00, 0.00
HSL	232°, 100%, 88%
HSV	232°, 24%, 100%
XYZ	61.9116, 61.5340, 103.2219
YIQ	206.5360, -21.4600, 14.4760

Conversions

Conversions Part 2

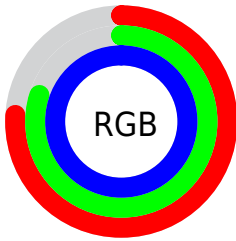
Format	Color
R_{YB}	195, 202, 255
Decimal	12831743
CIE _{Lab}	82.66, 8.15, -26.36
CIE _{LCh}	83, 27.590, 287.172
Yxy	61.5340, 0.2731, 0.2715
Android (android.graphics.Color)	4291021823 (0xFFC3CBFF)
YUV	206.5360, 23.8928, -10.1171
Hunter-Lab	78.4436, 3.6048, -23.1076

Details

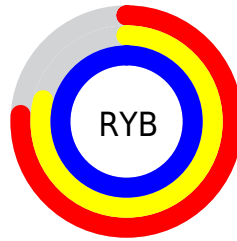
The XYZ color **61.9116, 61.5340, 103.2219** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.3510, 91.7209, 64.8896**, and the grayscale version is **58.8726, 61.9386, 67.4511**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **31.7557, 31.1476, 57.7645** is the 20% darker color. If you saturate the color by 10%, you get **51.0249, 48.7199, 101.3223**, and if you desaturate by 10%, it is **74.6708, 76.4207, 105.4228**.

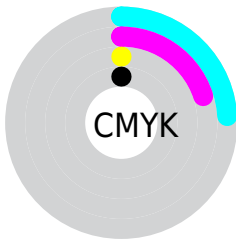
Distribution



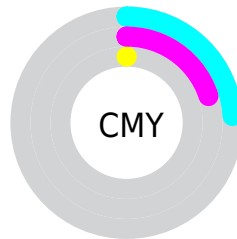
- Red (76%)
- Green (80%)
- Blue (100%)



- Red (76%)
- Yellow (79%)
- Blue (100%)



- Cyan (24%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.9116, 61.5340, 103.2219 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 61.9116, 61.5340, 103.2219 by changing the saturation by 10% instead.

■ 61.9116, 61.5340,
103.2219

■ 61.9116, 61.5340,
103.2219

421.3313,
430.2292, 591.8084

■ 45.2166, 44.6563,
78.3622

■ 106.6884,
107.0517, 167.6682

■ 31.8301, 31.1868,
57.8533

135.5009,
136.4605, 208.0918

■ 21.3867, 20.7411,
41.2768

169.0834,
170.8152, 254.5405

■ 13.5210, 12.9349,
28.2141

207.8010,
210.5000, 307.4327

■ 7.8677, 7.3837,
18.2467

252.0193,
255.8994, 367.1871

■ 4.0615, 3.7032,
10.9560

302.1035,

■ 1.7370, 1.5090,

307.3978, 434.2221

5.9234

358.4191,
365.3796, 508.9564

■ 0.4793, 0.2950,
2.7305

■ 0.0000, 0.0000,
0.9587

■ 61.9116, 61.5340,
103.2219

■ 61.9116, 61.5340,
103.2219

■ 51.0249, 48.7199,
101.3223

■ 74.6708, 76.4207,
105.4228

■ 41.9169, 37.8791,
99.7099

■ 89.3798, 93.4589,
107.9363

■ 34.4937, 28.9149,
98.3709

95.0500, 100.0000,
108.9000

■ 28.6506, 21.7194,
97.2900

■ 24.2707, 16.1738,
96.4504

■ 21.2208, 12.1440,
95.8333

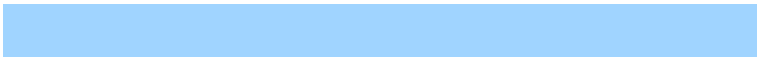
■ 19.3420, 9.4740,
95.4170

■ 18.6223, 8.3645,
95.2408

Harmonies

Analogous

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



55.9951, 61.5340, 104.0772



61.9116, 61.5340, 103.2219



67.2378, 61.5340, 91.6944

Triad

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



61.9116, 61.5340, 103.2219



66.5705, 61.5340, 45.8229



48.0748, 61.5340, 60.0195

Complementary

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



61.9116, 61.5340, 103.2219



84.3510, 91.7209, 64.8896

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.



50.5291, 61.5340, 47.1925



61.9116, 61.5340, 103.2219



61.0501, 61.5340, 39.9759

Square

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



61.9116, 61.5340, 103.2219



70.0496, 61.5340, 57.8290



55.1896, 61.5340, 40.4308



48.2710, 61.5340, 77.0928

Rectangle

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



61.9116, 61.5340, 103.2219



69.6172, 61.5340, 80.4602



55.1896, 61.5340, 40.4308



48.6098, 61.5340, 55.1316

Sweetspot

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



61.9134, 61.5364, 103.2223



84.0472, 87.2945, 107.0275



74.9010, 89.7763, 100.5700



17.7964, 18.4610, 22.8753



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.



61.9134, 61.5364, 103.2223



56.8185, 55.5550, 102.3363



65.8852, 60.8507, 102.8806



17.1983, 17.7682, 22.7731



9.7901, 4.4897, 49.7852



1.0106, 0.5519, 4.8665

Inverse Universe

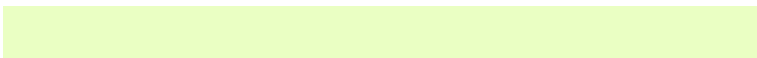
The Inverse Universe completely reimagines the original color for something new.



71.5358, 64.6035, 65.2020



67.9368, 59.2307, 58.3756



79.5427, 92.9529, 65.3808



18.1080, 18.0265, 19.1858



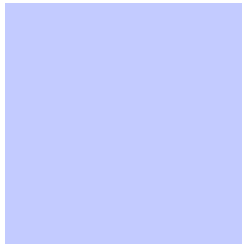
21.7298, 11.1812, 1.9615



2.1447, 1.1003, 0.3435

Previews

White Background



This preview shows how the XYZ color 61.9116, 61.5340, 103.2219 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 61.9116, 61.5340, 103.2219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

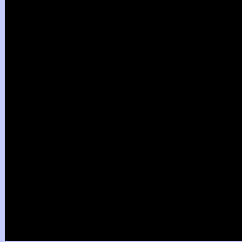
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.9116, 61.5340, 103.2219

Background



This preview shows how black text looks on a background with the XYZ color 61.9116, 61.5340, 103.2219.



This preview shows how white text looks on a background with the XYZ color 61.9116, 61.5340,

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

61.9116, 61.5340, 103.2219

Protanopia

61.6352, 61.7432, 103.2768

Deuteranopia

62.7561, 61.2726, 103.1269



Tritanopia

57.1327, 61.3668, 80.0679

Trichromacy



Original Color

61.9116, 61.5340, 103.2219

Protanomaly

61.8910, 61.8751, 103.2888

Deuteranomaly

62.4592, 61.4668, 103.1801

Tritanomaly

58.6975, 61.2751, 88.0905

Monochromacy



Original Color

61.9116, 61.5340, 103.2219

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

60.1545, 62.2209, 79.3604

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9116, 61.5340, 103.2219 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(195, 203, 255)` looks like.

```
.text, #text, p{  
    color:rgb(195, 203, 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(195, 203, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 203, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.9116, 61.5340, 103.2219 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(195, 203, 255) }
```


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

```
.border{ border-color:rgb(195, 203, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 203, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 203, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 203, 255);  
box-shadow:4px 4px 4px 4px rgb(195, 203,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9116, 61.5340, 103.2219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 203, 255) }
```

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

```
.background{ background-color: rgb(195,  
203, 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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