

Converting Colors

XYZ(61.9738, 60.3626,
102.9925)

Have a look what the booklet for
XYZ(61.9738, 60.3626, 102.9925)
contains.

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Color

**XYZ(61.9930, 60.5343,
103.0247)**

Conversions

Conversions Part 1

Format	Color
Hex	C6C8FF
RGB	198, 200, 255
RGB Percent	78%, 78%, 100%
CMY	0.2235, 0.2157, 0.0000
CMYK	0.22, 0.22, 0.00, 0.00
HSL	238°, 100%, 89%
HSV	238°, 22%, 100%
XYZ	61.9930, 60.5343, 103.0247
YIQ	205.6720, -18.8470, 16.6810

Conversions

Conversions Part 2

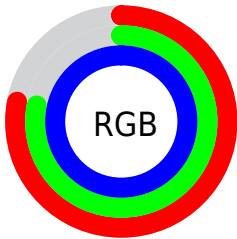
Format	Color
R_{YB}	198, 200, 255
Decimal	13027583
CIE _{Lab}	82.13, 10.65, -27.16
CIE _{LCh}	82, 29.175, 291.412
Yxy	60.5343, 0.2749, 0.2684
Android (android.graphics.Color)	4291217663 (0xFFC6C8FF)
YUV	205.6720, 24.3187, -6.7283
Hunter-Lab	77.8038, 6.0697, -24.0468

Details

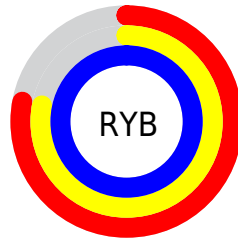
The XYZ color **61.9930, 60.5343, 103.0247** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86.5583, 95.5872, 67.3160**, and the grayscale version is **58.3163, 61.3533, 66.8137**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.7996, 30.4746, 57.6323** is the 20% darker color. If you saturate the color by 10%, you get **50.5817, 46.8634, 100.9873**, and if you desaturate by 10%, it is **75.4562, 76.6272, 105.4213**.

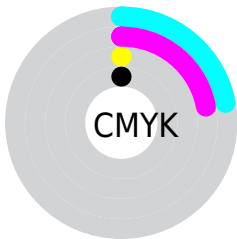
Distribution



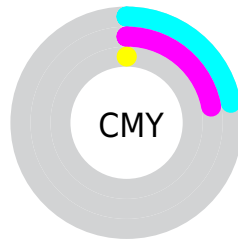
- Red (78%)
- Green (78%)
- Blue (100%)



- Red (78%)
- Yellow (78%)
- Blue (100%)



- Cyan (22%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.9930, 60.5343, 103.0247 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 61.9930, 60.5343, 103.0247 by changing the saturation by 10% instead.

■ 61.9930, 60.5343,
103.0247

■ 61.9930, 60.5343,
103.0247

421.6235,
426.5644, 591.1765

■ 45.2826, 43.8494,
78.1981

106.8054,
105.6043, 167.3957

■ 31.8823, 30.5522,
57.7193

135.6381,
134.7583, 207.7771

■ 21.4267, 20.2581,
41.1698

169.2424,
168.8375, 254.1805

■ 13.5505, 12.5828,
28.1311

207.9835,
208.2262, 307.0244

■ 7.8883, 7.1419,
18.1846

252.2268,
253.3088, 366.7275

■ 4.0748, 3.5510,
10.9118

302.3377,

■ 1.7445, 1.4257,

304.4698, 433.7081

5.8941

358.6815,
362.0935, 508.3850

■ 0.4839, 0.2356,
2.7131

■ 0.0000, 0.0000,
0.9500

■ 61.9930, 60.5343,
103.0247

■ 61.9930, 60.5343,
103.0247

■ 50.5817, 46.8634,
100.9873

■ 75.4562, 76.6272,
105.4213

■ 41.1168, 35.4905,
99.2910

■ 91.0597, 95.2438,
108.1923

■ 33.4910, 26.2918,
97.9174

95.0500, 100.0000,
108.9000

■ 27.5849, 19.1284,
96.8460

■ 23.2648, 13.8459,
96.0541

■ 20.3772, 10.2676,
95.5156

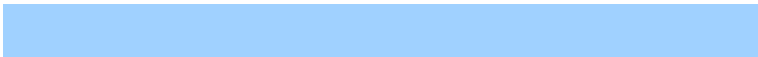
■ 18.7383, 8.1833,
95.1996

■ 18.1472, 7.4144,
95.0824

Harmonies

Analogous

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



55.7765, 60.5343, 105.7025



61.9930, 60.5343, 103.0247



67.3532, 60.5343, 89.5481

Triad

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



61.9930, 60.5343, 103.0247



65.2860, 60.5343, 42.6900



46.5482, 60.5343, 60.9500

Complementary

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



61.9930, 60.5343, 103.0247



86.5583, 95.5872, 67.3160

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.



48.7224, 60.5343, 46.8498



61.9930, 60.5343, 103.0247



59.3322, 60.5343, 37.6181

Square

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



61.9930, 60.5343, 103.0247



69.3472, 60.5343, 54.2305



53.2980, 60.5343, 38.9908



47.1484, 60.5343, 79.1600

Rectangle

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



61.9930, 60.5343, 103.0247



69.5748, 60.5343, 77.3888



53.2980, 60.5343, 38.9908



46.9729, 60.5343, 55.6292

Sweetspot

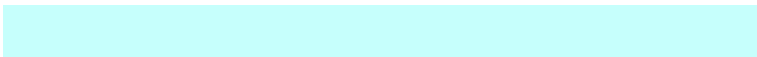
The Sweet Spot groups the original color and five complimentary colors.



61.9947, 60.5367, 103.0250



83.5347, 86.2695, 106.8567



76.6440, 90.5640, 105.6613



17.6782, 18.2246, 22.8359



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.



61.9947, 60.5367, 103.0250



56.4408, 53.8872, 102.0343



68.8774, 63.4012, 103.2152



17.0541, 17.4799, 22.7251



9.5044, 3.9184, 49.6900



0.9426, 0.4159, 4.8439

Inverse Universe

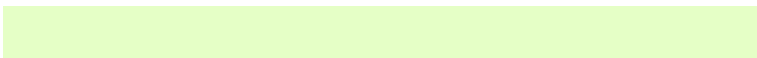
The Inverse Universe completely reimagines the original color for something new.



71.8606, 65.8199, 63.5632



67.9689, 60.0964, 55.9156



78.3787, 92.3132, 67.1151



18.0352, 17.9974, 18.8026



21.5856, 11.1235, 1.2022



2.1104, 1.0865, 0.1628

Previews

White Background



This preview shows how the XYZ color 61.9930, 60.5343, 103.0247 looks on a white background.

Color Contrast Check

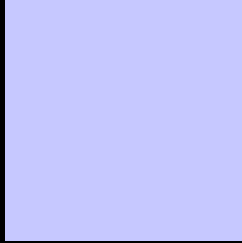
Large Text (above 18pt) WCAG AA × Fail

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 61.9930, 60.5343, 103.0247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

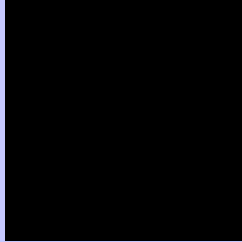
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.9930, 60.5343, 103.0247

Background



This preview shows how black text looks on a background with the XYZ color 61.9930, 60.5343, 103.0247.

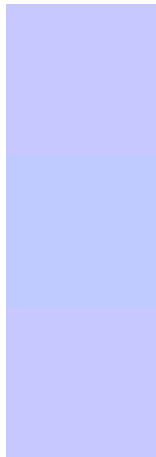


This preview shows how white text looks on a background with the XYZ color 61.9930, 60.5343,

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

61.9930, 60.5343, 103.0247

Protanopia

60.6564, 60.5374, 103.0957

Deuteranopia

61.9930, 60.5343, 103.0247



Tritanopia

56.9944, 60.6230, 77.8047

Trichromacy



Original Color

61.9930, 60.5343, 103.0247

Protanomaly

61.1848, 60.4626, 103.0534

Deuteranomaly

61.9930, 60.5343, 103.0247

Tritanomaly

58.6923, 60.5956, 86.4446

Monochromacy



Original Color

61.9930, 60.5343, 103.0247

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

59.6760, 61.2641, 79.2009

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9930, 60.5343, 103.0247 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(198, 200, 255)` looks like.

```
.text, #text, p{  
    color:rgb(198, 200, 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(198, 200, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 200, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.9930, 60.5343, 103.0247 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(198, 200, 255) }
```


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

```
.border{ border-color:rgb(198, 200, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 200, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 200, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 200, 255);  
box-shadow:4px 4px 4px 4px rgb(198, 200,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9930, 60.5343, 103.0247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 200, 255) }
```

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

```
.background{ background-color: rgb(198,  
200, 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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