

Converting Colors

XYZ(61.1628, 60.7985,
103.1194)

Have a look what the booklet for
XYZ(61.1628, 60.7985, 103.1194)
contains.

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Color

**XYZ(61.1628, 60.7985,
103.1194)**

Conversions

Conversions Part 1

Format	Color
Hex	C1CAFF
RGB	193, 202, 255
RGB Percent	76%, 79%, 100%
CMY	0.2431, 0.2078, 0.0000
CMYK	0.24, 0.21, 0.00, 0.00
HSL	231°, 100%, 88%
HSV	231°, 24%, 100%
XYZ	61.1628, 60.7985, 103.1194
YIQ	205.3510, -22.3770, 14.5750

Conversions

Conversions Part 2

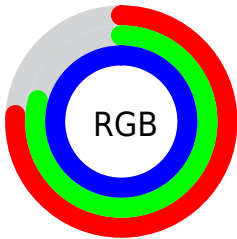
Format	Color
R_{YB}	193, 201, 255
Decimal	12700415
CIE Lab	82.27, 8.09, -26.98
CIE LCh	82, 28.163, 286.699
Yxy	60.7985, 0.2717, 0.2701
Android (android.graphics.Color)	4290890495 (0xFFC1CAFF)
YUV	205.3510, 24.4770, -10.8318
Hunter-Lab	77.9734, 3.5630, -23.8293

Details

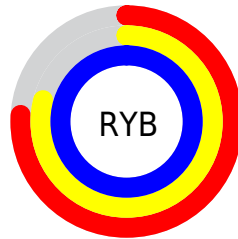
The XYZ color **61.1628, 60.7985, 103.1194** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **83.8213, 91.0211, 63.6047**, and the grayscale version is **58.1124, 61.1388, 66.5801**.

A 20% lighter version of the original color is **93.2343, 99.0640, 108.8150**, and **31.2642, 30.6603, 57.6963** is the 20% darker color. If you saturate the color by 10%, you get **50.4558, 48.2163, 101.2551**, and if you desaturate by 10%, it is **73.7165, 75.4079, 105.2777**.

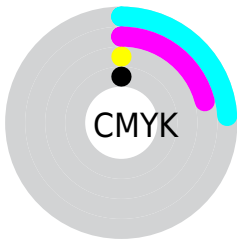
Distribution



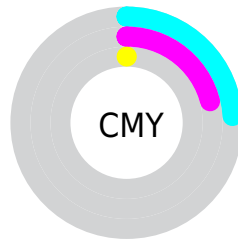
- Red (76%)
- Green (79%)
- Blue (100%)



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



- Cyan (24%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.1628, 60.7985, 103.1194 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 61.1628, 60.7985, 103.1194 by changing the saturation by 10% instead.

■ 61.1628, 60.7985,
103.1194

■ 61.1628, 60.7985,
103.1194

418.6371,
427.5348, 591.4800

■ 44.6096, 44.0626,
78.2769

■ 105.6114,
105.9871, 167.5265

■ 31.3500, 30.7197,
57.7837

134.2375,
135.2086, 207.9282

■ 21.0186, 20.3855,
41.2212

167.6187,
169.3607, 254.3534

■ 13.2502, 12.6756,
28.1710

206.1202,
208.8279, 307.2205

■ 7.6792, 7.2055,
18.2144

250.1074,
253.9945, 366.9482

■ 3.9405, 3.5910,
10.9330

299.9457,

■ 1.6685, 1.4475,

305.2449, 433.9550

5.9082

356.0005,
362.9635, 508.6594

■ 0.4364, 0.2513,
2.7214

■ 0.0000, 0.0000,
0.9542

■ 61.1628, 60.7985,
103.1194

■ 61.1628, 60.7985,
103.1194

■ 50.4558, 48.2163,
101.2551

■ 73.7165, 75.4079,
105.2777

■ 41.5025, 37.5645,
99.6710

■ 88.1933, 92.1218,
107.7407

■ 34.2100, 28.7486,
98.3537

95.0500, 100.0000,
108.9000

■ 28.4742, 21.6633,
97.2884

■ 24.1792, 16.1926,
96.4588

■ 21.1923, 12.2055,
95.8467

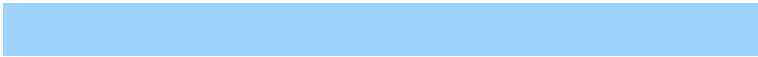
■ 19.3550, 9.5494,
95.4308

■ 18.7123, 8.5446,
95.2708

Harmonies

Analogous

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



55.1756, 60.7985, 103.8015



61.1628, 60.7985, 103.1194



66.5881, 60.7985, 91.5185

Triad

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



61.1628, 60.7985, 103.1194



66.0584, 60.7985, 44.9642



47.2800, 60.7985, 58.8910

Complementary

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



61.1628, 60.7985, 103.1194



83.8213, 91.0211, 63.6047

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.



49.7980, 60.7985, 46.0420



61.1628, 60.7985, 103.1194



60.4799, 60.7985, 38.9903

Square

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



61.1628, 60.7985, 103.1194



69.5456, 60.7985, 57.1598



54.5380, 60.7985, 39.3472



47.4349, 60.7985, 76.1447

Rectangle

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



61.1628, 60.7985, 103.1194



69.0331, 60.7985, 80.1348



54.5380, 60.7985, 39.3472



47.8341, 60.7985, 53.9809

Sweetspot

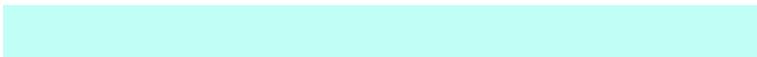
The Sweet Spot groups the original color and five complimentary colors.



61.1646, 60.8009, 103.1198



84.1092, 87.4185, 107.0482



74.3416, 89.4933, 100.3036



17.8107, 18.4897, 22.8801



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.



61.1646, 60.8009, 103.1198



55.9206, 54.6555, 102.2100



65.0574, 59.7631, 102.7143



17.2158, 17.8031, 22.7789



9.8413, 4.5921, 49.8023



1.0188, 0.5683, 4.8693

Inverse Universe

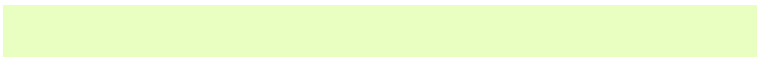
The Inverse Universe completely reimagines the original color for something new.



70.9718, 63.6656, 64.4278



67.2649, 58.1244, 57.4193



79.0886, 92.7447, 64.1868



18.1168, 18.0300, 19.2322



21.7556, 11.1915, 2.0976



2.1488, 1.1019, 0.3652

Previews

White Background



This preview shows how the XYZ color 61.1628, 60.7985, 103.1194 looks on a white background.

Color Contrast Check

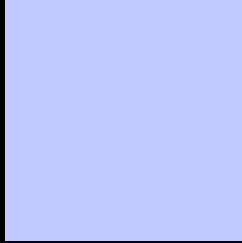
Large Text (above 18pt) WCAG AA × Fail

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 61.1628, 60.7985, 103.1194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

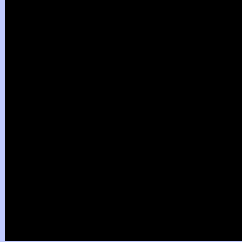
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.1628, 60.7985, 103.1194

Background



This preview shows how black text looks on a background with the XYZ color 61.1628, 60.7985, 103.1194.



This preview shows how white text looks on a background with the XYZ color 61.1628, 60.7985,

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

61.1628, 60.7985, 103.1194

Protanopia

60.9088, 60.6675, 103.1075

Deuteranopia

61.9930, 60.5343, 103.0247



Tritanopia

56.5039, 61.0584, 79.3284

Trichromacy



Original Color

61.1628, 60.7985, 103.1194

Protanomaly

60.9088, 60.6675, 103.1075

Deuteranomaly

61.7016, 60.7291, 103.0776

Tritanomaly

58.0530, 60.9596, 87.3039

Monochromacy



Original Color

61.1628, 60.7985, 103.1194

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.9995, 60.9310, 78.4633

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1628, 60.7985, 103.1194 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(193, 202, 255)` looks like.

```
.text, #text, p{  
    color:rgb(193, 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(193, 202, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 202, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.1628, 60.7985, 103.1194 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(193, 202, 255) }
```


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

```
.border{ border-color:rgb(193, 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(193, 202, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 202, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 202, 255);  
box-shadow:4px 4px 4px 4px rgb(193, 202,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1628, 60.7985, 103.1194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 202, 255) }
```

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

```
.background{ background-color: rgb(193,  
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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