

Converting Colors

XYZ(60.8866, 60.9044,
103.1544)

Have a look what the booklet for
XYZ(60.8866, 60.9044, 103.1544)
contains.

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Color

**XYZ(60.8918, 61.0082,
103.1742)**

Conversions

Conversions Part 1

Format	Color
Hex	BFCBFF
RGB	191, 203, 255
RGB Percent	75%, 80%, 100%
CMY	0.2510, 0.2039, 0.0000
CMYK	0.25, 0.20, 0.00, 0.00
HSL	229°, 100%, 87%
HSV	229°, 25%, 100%
XYZ	60.8918, 61.0082, 103.1742
YIQ	205.3400, -23.8440, 13.6280

Conversions

Conversions Part 2

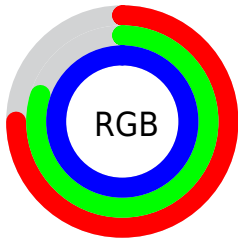
Format	Color
R_{YB}	191, 201, 255
Decimal	12569599
CIE Lab	82.38, 6.97, -26.82
CIE LCh	82, 27.706, 284.565
Yxy	61.0082, 0.2705, 0.2711
Android (android.graphics.Color)	4290759679 (0xFFBFCBFF)
YUV	205.3400, 24.4824, -12.5762
Hunter-Lab	78.1077, 2.4678, -23.6420

Details

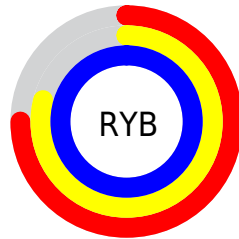
The XYZ color **60.8918, 61.0082, 103.1742** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.6947, 89.1224, 62.1359**, and the grayscale version is **58.1061, 61.1321, 66.5729**.

A 20% lighter version of the original color is **92.5214, 98.6965, 108.7817**, and **31.0938, 30.8063, 57.7335** is the 20% darker color. If you saturate the color by 10%, you get **50.4585, 48.8465, 101.3766**, and if you desaturate by 10%, it is **73.0989, 75.0578, 105.2426**.

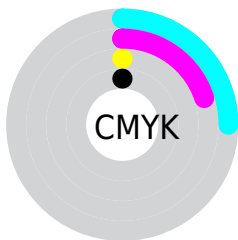
Distribution



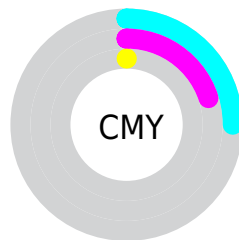
- Red (75%)
- Green (80%)
- Blue (100%)



- Red (75%)
- Yellow (79%)
- Blue (100%)



- Cyan (25%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.8918, 61.0082, 103.1742 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 60.8918, 61.0082, 103.1742 by changing the saturation by 10% instead.

■ 60.8918, 61.0082,
103.1742

■ 60.8918, 61.0082,
103.1742

417.6594,
428.3041, 591.6556

■ 44.3901, 44.2318,
78.3225

■ 105.2213,
106.2908, 167.6023

■ 31.1765, 30.8528,
57.8209

133.7797,
135.5658, 208.0157

■ 20.8858, 20.4868,
41.2509

167.0877,
169.7758, 254.4534

■ 13.1525, 12.7494,
28.1940

205.5107,
209.3051, 307.3340

■ 7.6114, 7.2562,
18.2317

249.4140,
254.5382, 367.0759

■ 3.8970, 3.6228,
10.9453

299.1630,

■ 1.6440, 1.4649,

305.8595, 434.0978

5.9163

355.1230,
363.6533, 508.8182

■ 0.4208, 0.2638,
2.7263

■ 0.0000, 0.0000,
0.9566

■ 60.8918, 61.0082,
103.1742

■ 60.8918, 61.0082,
103.1742

■ 50.4585, 48.8465,
101.3766

■ 73.0989, 75.0578,
105.2426

■ 41.7101, 38.4843,
99.8376

■ 87.1524, 91.0645,
107.5915

■ 34.5578, 29.8366,
98.5454

95.0500, 100.0000,
108.9000

■ 28.9024, 22.8086,
97.4869

■ 24.6333, 17.2956,
96.6478

■ 21.6235, 13.1802,
96.0121

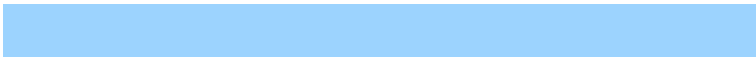
■ 19.7206, 10.3256,
95.5614

■ 19.0995, 9.3191,
95.3998

Harmonies

Analogous

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



55.0138, 61.0082, 103.0026



60.8918, 61.0082, 103.1742



66.3330, 61.0082, 92.4213

Triad

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



60.8918, 61.0082, 103.1742



66.4667, 61.0082, 46.1047



47.7064, 61.0082, 58.1356

Complementary

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



60.8918, 61.0082, 103.1742



82.6947, 89.1224, 62.1359

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.



50.3712, 61.0082, 45.8311



60.8918, 61.0082, 103.1742



61.0643, 61.0082, 39.7324

Square

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



60.8918, 61.0082, 103.1742



69.6970, 61.0082, 58.5737



55.1750, 61.0082, 39.6416



47.6672, 61.0082, 74.9538

Rectangle

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



60.8918, 61.0082, 103.1742



68.8678, 61.0082, 81.4111



55.1750, 61.0082, 39.6416



48.3163, 61.0082, 53.4054

Sweetspot

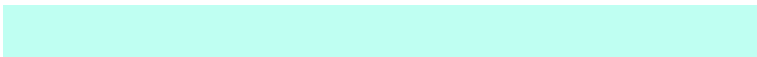
The Sweet Spot groups the original color and five complimentary colors.



60.8936, 61.0106, 103.1745



82.8776, 86.2113, 106.8801



73.3038, 89.0196, 97.4815



17.2786, 17.9287, 22.7999



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.



60.8936, 61.0106, 103.1745



55.5609, 54.8159, 102.2599



63.3175, 58.2143, 102.5070



17.2786, 17.9287, 22.7999



10.0583, 5.0261, 49.8746



1.0492, 0.6292, 4.8794

Inverse Universe

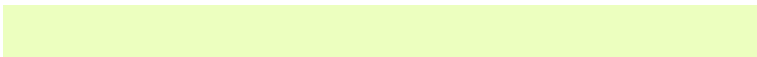
The Inverse Universe completely reimagines the original color for something new.



70.6515, 62.8350, 64.9071



66.8685, 57.1435, 57.8672



79.6903, 93.0805, 63.0583



18.1485, 18.0427, 19.3992



21.8651, 11.2354, 2.6744



2.1642, 1.1081, 0.4462

Previews

White Background



This preview shows how the XYZ color 60.8918, 61.0082, 103.1742 looks on a white background.

Color Contrast Check

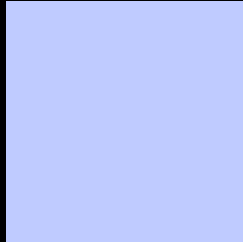
Large Text (above 18pt) WCAG AA × Fail

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 60.8918, 61.0082, 103.1742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

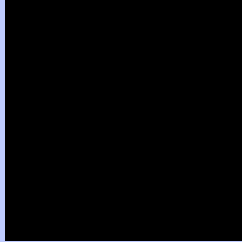
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.8918, 61.0082, 103.1742

Background



This preview shows how black text looks on a background with the XYZ color 60.8918, 61.0082, 103.1742.



This preview shows how white text looks on a background with the XYZ color 60.8918, 61.0082,

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

60.8918, 61.0082, 103.1742

Protanopia

61.1442, 61.1383, 103.1860

Deuteranopia

62.4898, 61.1354, 103.1145



Tritanopia

56.1541, 60.8623, 80.0221

Trichromacy



Original Color

60.8918, 61.0082, 103.1742

Protanomaly

61.1442, 61.1383, 103.1860

Deuteranomaly

61.9355, 61.1968, 103.1556

Tritanomaly

57.7051, 60.7635, 88.0440

Monochromacy



Original Color

60.8918, 61.0082, 103.1742

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.7316, 60.7928, 78.4507

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8918, 61.0082, 103.1742 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(191, 203, 255)` looks like.

```
.text, #text, p{  
    color:rgb(191, 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(191, 203, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 203, 255) }
```

Border

The CSS property to change the border of an element to XYZ 60.8918, 61.0082, 103.1742 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(191, 203, 255) }
```


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

```
.border{ border-color:rgb(191, 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(191, 203, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 203, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 203, 255);  
box-shadow:4px 4px 4px 4px rgb(191, 203,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8918, 61.0082, 103.1742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 203, 255) }
```

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

```
.background{ background-color: rgb(191,  
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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