

Converting Colors

XYZ(60.4422, 60.0156,
103.0063)

Have a look what the booklet for
XYZ(60.4422, 60.0156, 103.0063)
contains.

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Color

**XYZ(60.4225, 60.0697,
103.0177)**

Conversions

Conversions Part 1

Format	Color
Hex	BFC9FF
RGB	191, 201, 255
RGB Percent	75%, 79%, 100%
CMY	0.2510, 0.2117, 0.0000
CMYK	0.25, 0.21, 0.00, 0.00
HSL	231°, 100%, 87%
HSV	231°, 25%, 100%
XYZ	60.4225, 60.0697, 103.0177
YIQ	204.1660, -23.2940, 14.6740

Conversions

Conversions Part 2

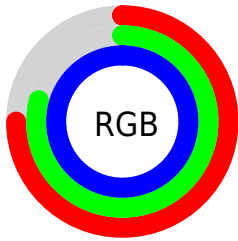
Format	Color
R_{YB}	191, 200, 255
Decimal	12569087
CIE _{Lab}	81.88, 8.04, -27.59
CIE _{LCh}	82, 28.739, 286.252
Yxy	60.0697, 0.2703, 0.2688
Android (android.graphics.Color)	4290759167 (0xFFBFC9FF)
YUV	204.1660, 25.0612, -11.5466
Hunter-Lab	77.5046, 3.5252, -24.5539

Details

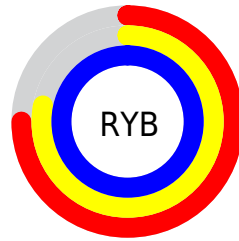
The XYZ color **60.4225, 60.0697, 103.0177** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **83.2963, 90.3258, 62.3364**, and the grayscale version is **57.3580, 60.3451, 65.7158**.

A 20% lighter version of the original color is **92.5214, 98.6965, 108.7817**, and **30.7801, 30.1789, 57.6289** is the 20% darker color. If you saturate the color by 10%, you get **49.8902, 47.7101, 101.1872**, and if you desaturate by 10%, it is **72.7771, 74.4144, 105.1354**.

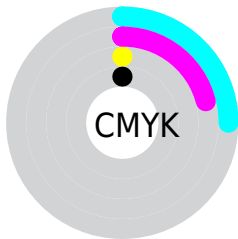
Distribution



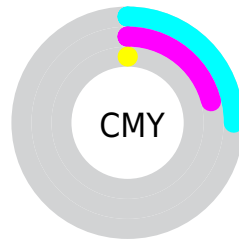
- Red (75%)
- Green (79%)
- Blue (100%)



- Red (75%)
- Yellow (78%)
- Blue (100%)



- Cyan (25%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.4225, 60.0697, 103.0177 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 60.4225, 60.0697, 103.0177 by changing the saturation by 10% instead.

■ 60.4225, 60.0697,
103.0177

■ 60.4225, 60.0697,
103.0177

415.9632,
424.8546, 591.1541

■ 44.0100, 43.4748,
78.1922

■ 104.5452,
104.9308, 167.3860

■ 30.8763, 30.2578,
57.7145

132.9861,
133.9657, 207.7659

■ 20.6561, 20.0344,
41.1660

166.1672,
167.9162, 254.1677

■ 12.9839, 12.4200,
28.1281

204.4539,
207.1666, 307.0099

■ 7.4944, 7.0304,
18.1824

248.2115,
252.1012, 366.7111

■ 3.8222, 3.4811,
10.9102

297.8053,

■ 1.6020, 1.3878,

303.1045, 433.6899

5.8931

353.6007,
360.5608, 508.3647

■ 0.3937, 0.2077,
2.7124

■ 0.0000, 0.0000,
0.9497

■ 60.4225, 60.0697,
103.0177

■ 60.4225, 60.0697,
103.0177

■ 49.8902, 47.7101,
101.1872

■ 72.7771, 74.4144,
105.1354

■ 41.0882, 37.2407,
99.6303

■ 87.0299, 90.8197,
107.5507

■ 33.9241, 28.5692,
98.3342

95.0500, 100.0000,
108.9000

■ 28.2945, 21.5928,
97.2843

■ 24.0843, 16.1977,
96.4648

■ 21.1613, 12.2558,
95.8580

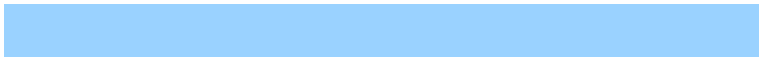
■ 19.3665, 9.6174,
95.4434

■ 18.8038, 8.7275,
95.3013

Harmonies

Analogous

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



54.3661, 60.0697, 103.5301



60.4225, 60.0697, 103.0177



65.9448, 60.0697, 91.3407

Triad

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



60.4225, 60.0697, 103.0177



65.5488, 60.0697, 44.1142



46.4941, 60.0697, 57.7812

Complementary

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



60.4225, 60.0697, 103.0177



83.2963, 90.3258, 62.3364

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.



49.0736, 60.0697, 44.9130



60.4225, 60.0697, 103.0177



59.9125, 60.0697, 38.0202

Square

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



60.4225, 60.0697, 103.0177



69.0448, 60.0697, 56.4925



53.8909, 60.0697, 38.2840



46.6093, 60.0697, 75.2104

Rectangle

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



60.4225, 60.0697, 103.0177



68.4542, 60.0697, 79.8071



53.8909, 60.0697, 38.2840



47.0665, 60.0697, 52.8502

Sweetspot

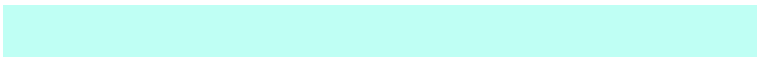
The Sweet Spot groups the original color and five complimentary colors.



60.4242, 60.0720, 103.0181



82.6919, 85.8399, 106.8182



73.6265, 89.1487, 99.1808



17.2322, 17.8359, 22.7844



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.



60.4242, 60.0720, 103.0181



55.0372, 53.7686, 102.0854



63.9296, 58.5298, 102.5357



17.2322, 17.8359, 22.7844



9.8930, 4.6955, 49.8195



1.0264, 0.5836, 4.8718

Inverse Universe

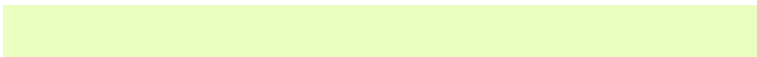
The Inverse Universe completely reimagines the original color for something new.



70.4146, 62.7402, 63.6598



66.6042, 57.0378, 56.4754



78.9870, 92.7179, 63.0252



18.1251, 18.0333, 19.2758



21.7817, 11.2020, 2.2350



2.1527, 1.1035, 0.3856

Previews

White Background



This preview shows how the XYZ color 60.4225, 60.0697, 103.0177 looks on a white background.

Color Contrast Check

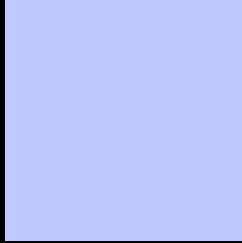
Large Text (above 18pt) WCAG AA × Fail

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 60.4225, 60.0697, 103.0177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

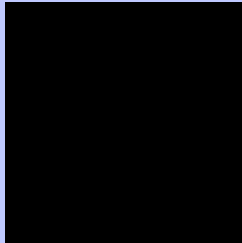
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.4225, 60.0697, 103.0177

Background



This preview shows how black text looks on a background with the XYZ color 60.4225, 60.0697, 103.0177.



This preview shows how white text looks on a background with the XYZ color 60.4225, 60.0697,

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

60.4225, 60.0697, 103.0177

Protanopia

60.1718, 59.9404, 103.0060

Deuteranopia

61.2384, 59.8026, 102.9232



Tritanopia

55.6397, 60.2676, 78.5123

Trichromacy



Original Color

60.4225, 60.0697, 103.0177

Protanomaly

60.1718, 59.9404, 103.0060

Deuteranomaly

60.9524, 59.9979, 102.9760

Tritanomaly

57.3202, 60.2256, 87.2009

Monochromacy



Original Color

60.4225, 60.0697, 103.0177

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

58.2284, 60.1817, 78.3593

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.4225, 60.0697, 103.0177 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, 201, 255)` looks like.

```
.text, #text, p{  
    color:rgb(191, 201, 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, 201, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 201, 255) }
```

Border

The CSS property to change the border of an element to XYZ 60.4225, 60.0697, 103.0177 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, 201, 255) }
```


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

```
.border{ border-color:rgb(191, 201, 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, 201, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 201, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 201, 255);  
box-shadow:4px 4px 4px 4px rgb(191, 201,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4225, 60.0697, 103.0177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 201, 255) }
```

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

```
.background{ background-color: rgb(191,  
201, 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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