

Converting Colors

XYZ(60.2427, 57.3237,
102.4972)

Have a look what the booklet for
XYZ(60.2427, 57.3237, 102.4972)
contains.

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Color

**XYZ(60.1459, 57.2302,
102.4843)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | C5C1FF |
| RGB | 197, 193, 255 |
| RGB Percent | 77%, 76%, 100% |
| CMY | 0.2274, 0.2431, 0.0000 |
| CMYK | 0.23, 0.24, 0.00, 0.00 |
| HSL | 244°, 100%, 88% |
| HSV | 244°, 24%, 100% |
| XYZ | 60.1459, 57.2302, 102.4843 |
| YIQ | 201.2640, -17.5180, 20.1300 |

Conversions

Conversions Part 2

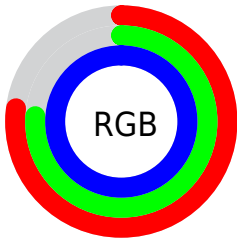
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 197, 193, 255 |
| Decimal | 12960255 |
| CIELab | 80.31, 14.14, -29.95 |
| CIELCh | 80, 33.123, 295.272 |
| Yxy | 57.2302, 0.2736, 0.2603 |
| Android (android.graphics.Color) | 4291150335 (0xFFC5C1FF) |
| YUV | 201.2640, 26.4918, -3.7395 |
| Hunter-Lab | 75.6506, 9.5275, -27.3650 |

Details

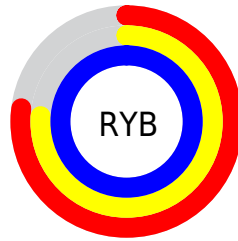
The XYZ color **60.1459, 57.2302, 102.4843** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85.1702, 95.8799, 64.4722**, and the grayscale version is **55.5311, 58.4230, 63.6227**.

A 20% lighter version of the original color is **92.7987, 96.0422, 108.2547**, and **30.7265, 28.5842, 57.3239** is the 20% darker color. If you saturate the color by 10%, you get **49.2275, 43.9436, 100.4951**, and if you desaturate by 10%, it is **73.0279, 72.9745, 104.8442**.

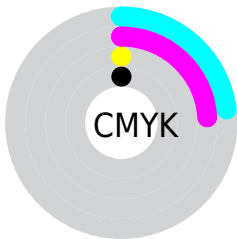
Distribution



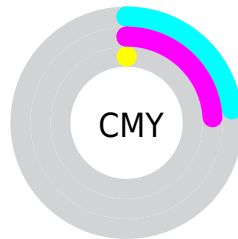
- Red (77%)
- Green (76%)
- Blue (100%)



- Red (77%)
- Yellow (76%)
- Blue (100%)



- Cyan (23%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (23%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.1459, 57.2302, 102.4843 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 60.1459, 57.2302, 102.4843 by changing the saturation by 10% instead.

60.1459, 57.2302,
102.4843

60.1459, 57.2302,
102.4843

414.9615,
414.3113, 589.4431

43.7862, 41.1901,
77.7485

104.1464,
100.8010, 166.6486

30.6996, 28.4676,
57.3522

132.5179,
129.1005, 206.9141

20.5209, 18.6785,
40.8768

165.6240,
162.2552, 253.1933

12.8847, 11.4382,
27.9039

203.8301,
200.6496, 305.9047

7.4257, 6.3624,
18.0148

247.5016,
244.6680, 365.4669

3.7784, 3.0667,
10.7911

297.0037,

1.5775, 1.1666,

294.6948, 432.2983

5.8141

352.7019,
351.1145, 506.8175

■ 0.3777, 0.0342,
2.6654

■ 0.0000, 0.0000,
0.9259

■ 60.1459, 57.2302,
102.4843

■ 60.1459, 57.2302,
102.4843

■ 49.2275, 43.9436,
100.4951

■ 73.0279, 72.9745,
104.8442

■ 40.1715, 32.9843,
98.8571

■ 87.9581, 91.2848,
107.5916

■ 32.8751, 24.2203,
97.5500

95.0500, 100.0000,
108.9000

■ 27.2237, 17.5033,
96.5514

■ 23.0889, 12.6669,
95.8358

■ 20.3234, 9.5186,
95.3739

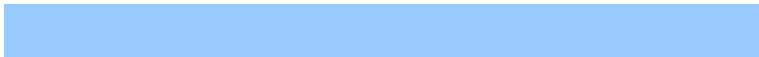
■ 18.7498, 7.8241,
95.1297

■ 18.2714, 7.3341,
95.0604

Harmonies

Analogous

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



53.3294, 57.2302, 107.3555



60.1459, 57.2302, 102.4843



65.8141, 57.2302, 86.0633

Triad

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



60.1459, 57.2302, 102.4843



62.1556, 57.2302, 36.4160



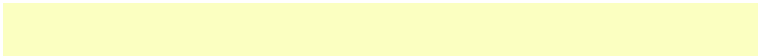
42.4236, 57.2302, 59.2905

Complementary

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



60.1459, 57.2302, 102.4843



85.1702, 95.8799, 64.4722

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.



44.3806, 57.2302, 43.3928



60.1459, 57.2302, 102.4843



55.4759, 57.2302, 32.0487

Square

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



60.1459, 57.2302, 102.4843



67.0402, 57.2302, 47.7112



49.0240, 57.2302, 34.3094



43.4501, 57.2302, 79.6282

Rectangle

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



60.1459, 57.2302, 102.4843



67.9854, 57.2302, 72.2833



49.0240, 57.2302, 34.3094



42.7494, 57.2302, 53.3062

Sweetspot

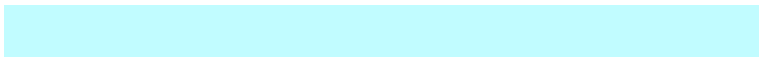
The Sweet Spot groups the original color and five complimentary colors.



60.1476, 57.2324, 102.4846



83.7388, 86.1046, 106.8141



74.8224, 88.1161, 107.6723



17.7252, 18.1866, 22.8261



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.



60.1476, 57.2324, 102.4846



54.7900, 50.7046, 101.5070



68.8315, 61.7092, 102.8910



17.1114, 17.4337, 22.7131



9.5879, 3.8532, 49.6730



0.9698, 0.3939, 4.8382

Inverse Universe

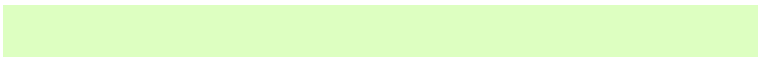
The Inverse Universe completely reimagines the original color for something new.



77.7236, 66.3668, 99.9814



75.0655, 61.2447, 98.4968



75.1751, 90.7272, 64.0044



18.7391, 18.2790, 22.5092



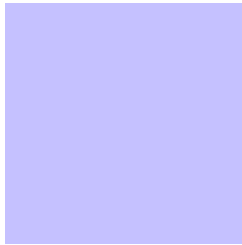
29.6768, 14.3600, 43.8099



2.9042, 1.4041, 4.3429

Previews

White Background



This preview shows how the XYZ color 60.1459, 57.2302, 102.4843 looks on a white background.

Color Contrast Check

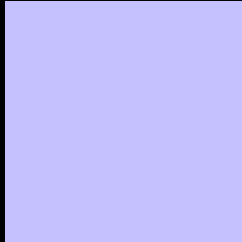
Large Text (above 18pt) WCAG AA × Fail

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 60.1459, 57.2302, 102.4843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

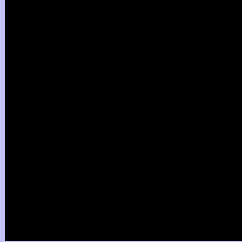
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.1459, 57.2302, 102.4843

Background



This preview shows how black text looks on a background with the XYZ color 60.1459, 57.2302, 102.4843.

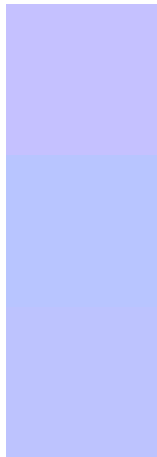


This preview shows how white text looks on a background with the XYZ color 60.1459, 57.2302,

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

60.1459, 57.2302, 102.4843

Protanopia

57.7834, 57.3429, 102.6305

Deuteranopia

58.3908, 57.0048, 101.6914



Tritanopia

54.2842, 57.2136, 73.1480

Trichromacy



Original Color

60.1459, 57.2302, 102.4843

Protanomaly

58.7762, 57.5187, 102.6121

Deuteranomaly

58.9194, 56.9458, 101.6522

Tritanomaly

56.2415, 56.9831, 82.8975

Monochromacy



Original Color

60.1459, 57.2302, 102.4843

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

57.0646, 57.8880, 76.5725

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1459, 57.2302, 102.4843 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(197, 193, 255)` looks like.

```
.text, #text, p{  
    color:rgb(197, 193, 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(197, 193, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 193, 255) }
```

Border

The CSS property to change the border of an element to XYZ 60.1459, 57.2302, 102.4843 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(197, 193, 255) }
```


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

```
.border{ border-color:rgb(197, 193, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 193, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 193, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 193, 255);  
box-shadow:4px 4px 4px 4px rgb(197, 193,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1459, 57.2302, 102.4843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 193, 255) }
```

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

```
.background{ background-color: rgb(197,  
193, 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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