

Converting Colors

XYZ(57.1551, 51.2139,
101.4806)

Have a look what the booklet for
XYZ(57.1551, 51.2139, 101.4806)
contains.

XYZ(57.1961, 51.3305, 101.5010)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(57.1961, 51.3305,
101.5010)**

Conversions

Conversions Part 1

Format	Color
Hex	C5B3FF
RGB	197, 179, 255
RGB Percent	77%, 70%, 100%
CMY	0.2274, 0.2980, 0.0000
CMYK	0.23, 0.30, 0.00, 0.00
HSL	254°, 100%, 85%
HSV	254°, 30%, 100%
XYZ	57.1961, 51.3305, 101.5010
YIQ	193.0460, -13.6680, 27.4520

Conversions

Conversions Part 2

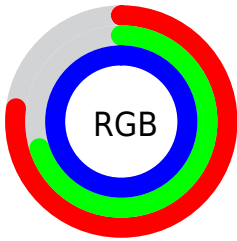
Format	Color
R_{YB}	197, 179, 255
Decimal	12956671
CIE _{Lab}	76.88, 21.79, -35.24
CIE _{LCh}	77, 41.431, 301.731
Yxy	51.3305, 0.2723, 0.2444
Android (android.graphics.Color)	4291146751 (0xFFC5B3FF)
YUV	193.0460, 30.5433, 3.4677
Hunter-Lab	71.6453, 17.1214, -33.8453

Details

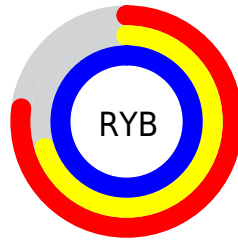
The XYZ color **57.1961, 51.3305, 101.5010** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **78.8224, 92.7795, 56.4037**, and the grayscale version is **50.5489, 53.1814, 57.9145**.

A 20% lighter version of the original color is **88.9983, 87.8967, 106.8828**, and **28.8092, 24.7497, 56.6848** is the 20% darker color. If you saturate the color by 10%, you get **47.7792, 39.5787, 99.7290**, and if you desaturate by 10%, it is **68.2189, 65.3153, 103.6193**.

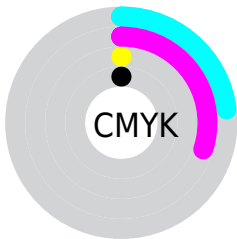
Distribution



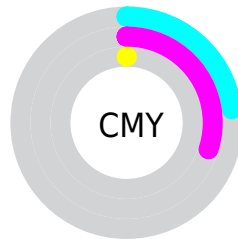
- Red (77%)
- Green (70%)
- Blue (100%)



- Red (77%)
- Yellow (70%)
- Blue (100%)



- Cyan (23%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)



- Cyan (23%)
- Magenta (30%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.1961, 51.3305, 101.5010 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 57.1961, 51.3305, 101.5010 by changing the saturation by 10% instead.

■ 57.1961, 51.3305,
101.5010

■ 57.1961, 51.3305,
101.5010

404.1860,
391.8465, 586.2821

■ 41.4035, 36.4717,
76.9308

■ 99.8810, 92.1431,
165.2882

■ 28.8235, 24.7987,
56.6849

127.5039,
118.8657, 205.3423

■ 19.0910, 15.9272,
40.3446

159.8010,
150.3117, 251.3948

■ 11.8404, 9.4726,
27.4915

197.1376,
186.8655, 303.8642

■ 6.7065, 5.0507,
17.7070

239.8790,
228.9115, 363.1692

■ 3.3239, 2.2771,
10.5726

288.3907,

■ 1.3273, 0.7615,

276.8341, 429.7281

5.6697

343.0379,
331.0176, 503.9595

■ 0.2035, 0.0000,
2.5798

■ 0.0000, 0.0000,
0.8820

■ 57.1961, 51.3305,
101.5010

■ 57.1961, 51.3305,
101.5010

■ 47.7792, 39.5787,
99.7290

■ 68.2189, 65.3153,
103.6193

■ 39.8864, 29.9368,
98.2839

■ 80.9148, 81.6356,
106.1003

■ 33.4355, 22.2785,
97.1457

95.0500, 100.0000,
108.9000

■ 28.3341, 16.4617,
96.2918

■ 24.4785, 12.3242,
95.6964

■ 21.7481, 9.6749,
95.3289

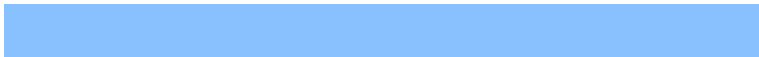
■ 19.9664, 8.2161,
95.1413

■ 19.9375, 8.1930,
95.1383

Harmonies

Analogous

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



49.2472, 51.3305, 111.4310



57.1961, 51.3305, 101.5010



63.3818, 51.3305, 79.0558

Triad

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



57.1961, 51.3305, 101.5010



56.3193, 51.3305, 25.7282



35.1599, 51.3305, 57.2112

Complementary

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



57.1961, 51.3305, 101.5010



78.8224, 92.7795, 56.4037

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.



36.6264, 51.3305, 37.7596



57.1961, 51.3305, 101.5010



48.3319, 51.3305, 22.7762

Square

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



57.1961, 51.3305, 101.5010



62.8384, 51.3305, 36.0384



41.2473, 51.3305, 26.5175



37.0057, 51.3305, 81.9511

Rectangle

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



57.1961, 51.3305, 101.5010



65.3655, 51.3305, 62.3639



41.2473, 51.3305, 26.5175



35.2811, 51.3305, 49.8807

Sweetspot

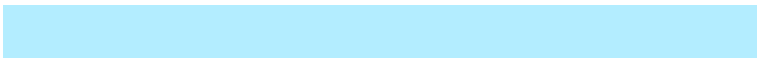
The Sweet Spot groups the original color and five complimentary colors.



57.1977, 51.3325, 101.5013



82.0081, 83.0496, 106.3156



67.0030, 77.5276, 106.0406



17.1305, 17.2297, 22.6727



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.



57.1977, 51.3325, 101.5013



51.1764, 43.7926, 100.3633



68.3442, 57.0787, 102.0229



17.4057, 17.5854, 22.7269



10.5268, 4.3372, 49.7169



1.1169, 0.4697, 4.8451

Inverse Universe

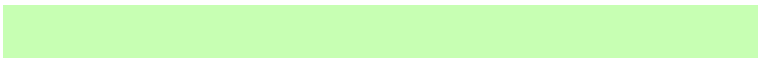
The Inverse Universe completely reimagines the original color for something new.



72.6470, 59.6162, 87.7995



69.1176, 53.4234, 83.9528



67.5218, 86.9538, 55.8749



18.5979, 18.2225, 21.7655



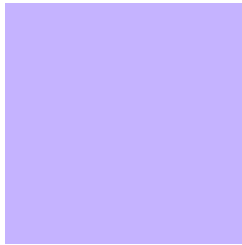
26.7335, 13.1827, 28.3106



2.6452, 1.3004, 2.9789

Previews

White Background



This preview shows how the XYZ color 57.1961, 51.3305, 101.5010 looks on a white background.

Color Contrast Check

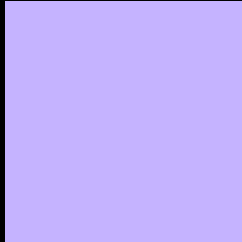
Large Text (above 18pt) WCAG AA × Fail

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 57.1961, 51.3305, 101.5010 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 57.1961, 51.3305, 101.5010

Background



This preview shows how black text looks on a background with the XYZ color 57.1961, 51.3305, 101.5010.

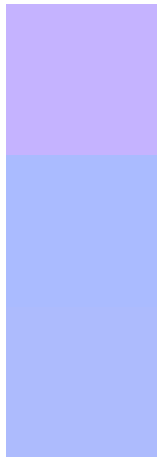


This preview shows how white text looks on a background with the XYZ color 57.1961, 51.3305,

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

57.1961, 51.3305, 101.5010

Protanopia

52.3979, 51.3067, 101.7493

Deuteranopia

52.7335, 51.5167, 100.0929



Tritanopia

49.8357, 51.4462, 64.4302

Trichromacy



Original Color

57.1961, 51.3305, 101.5010

Protanomaly

54.0129, 51.2043, 101.6444

Deuteranomaly

54.3213, 51.3818, 100.8206

Tritanomaly

52.1541, 51.1020, 76.9269

Monochromacy



Original Color

57.1961, 51.3305, 101.5010

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

52.6260, 52.3936, 72.3050

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1961, 51.3305, 101.5010 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, 179, 255)` looks like.

```
.text, #text, p{  
    color:rgb(197, 179, 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, 179, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 179, 255) }
```

Border

The CSS property to change the border of an element to XYZ 57.1961, 51.3305, 101.5010 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, 179, 255) }
```


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

```
.border{ border-color:rgb(197, 179, 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, 179, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 179, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 179, 255);  
box-shadow:4px 4px 4px 4px rgb(197, 179,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1961, 51.3305, 101.5010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 179, 255) }
```

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

```
.background{ background-color: rgb(197,  
179, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor