

Converting Colors

XYZ(63.7136, 55.3420,
119.5126)

Have a look what the booklet for
XYZ(63.7136, 55.3420, 119.5126)
contains.

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Color

**XYZ(60.2315, 53.7977,
101.8172)**

Conversions

Conversions Part 1

Format	Color
Hex	CEB6FF
RGB	206, 182, 255
RGB Percent	81%, 71%, 100%
CMY	0.1921, 0.2863, 0.0000
CMYK	0.19, 0.29, 0.00, 0.00
HSL	260°, 100%, 86%
HSV	260°, 29%, 100%
XYZ	60.2315, 53.7977, 101.8172
YIQ	197.4980, -9.1290, 27.7910

Conversions

Conversions Part 2

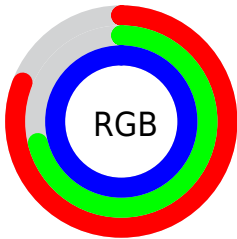
Format	Color
R _Y B	206, 182, 255
Decimal	13547263
CIE Lab	78.34, 22.82, -32.92
CIE LCh	78, 40.049, 304.728
Yxy	53.7977, 0.2790, 0.2492
Android (android.graphics.Color)	4291737343 (0xFFCEB6FF)
YUV	197.4980, 28.3485, 7.4563
Hunter-Lab	73.3469, 18.2247, -30.9611

Details

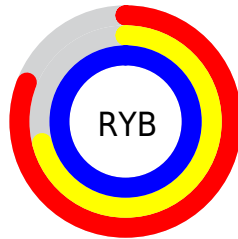
The XYZ color **60.2315, 53.7977, 101.8172** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **77.1595, 91.8868, 57.9275**, and the grayscale version is **53.2112, 55.9823, 60.9647**.

A 20% lighter version of the original color is **89.8645, 89.6291, 107.1715**, and **30.8058, 26.3570, 56.8899** is the 20% darker color. If you saturate the color by 10%, you get **50.9812, 41.9708, 100.0219**, and if you desaturate by 10%, it is **70.9533, 67.7973, 103.9543**.

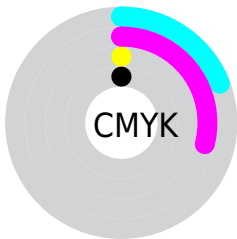
Distribution



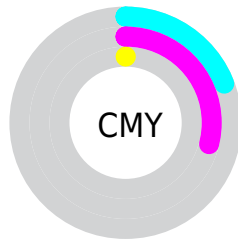
- Red (81%)
- Green (71%)
- Blue (100%)



- Red (81%)
- Yellow (71%)
- Blue (100%)



- Cyan (19%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)



- Cyan (19%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.2315, 53.7977, 101.8172 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 60.2315, 53.7977, 101.8172 by changing the saturation by 10% instead.

60.2315, 53.7977,
101.8172

60.2315, 53.7977,
101.8172

415.2716,
401.3381, 587.2996

43.8554, 38.4400,
77.1937

104.2698, 95.7771,
165.7258

30.7543, 26.3243,
56.8994

132.6628,
123.1676, 205.8480

20.5627, 17.0664,
40.5156

165.7922,
155.3378, 251.9735

12.9154, 10.2819,
27.6240

204.0232,
192.6721, 304.5208

7.4469, 5.5862,
17.8058

247.7213,
235.5549, 363.9086

3.7919, 2.5952,
10.6427

297.2519,

1.5851, 0.9242,

284.3706, 430.5553

5.7160

352.9802,
339.5035, 504.8794

■ 0.3827, 0.0000,
2.6072

■ 0.0000, 0.0000,
0.8962

■ 60.2315, 53.7977,
101.8172

■ 60.2315, 53.7977,
101.8172

■ 50.9812, 41.9708,
100.0219

■ 70.9533, 67.7973,
103.9543

■ 43.1295, 32.1983,
98.5495

■ 83.2054, 84.0668,
106.4489

■ 36.6041, 24.3604,
97.3805

95.0500, 100.0000,
108.9000

■ 31.3236, 18.3217,
96.4933

■ 27.1968, 13.9287,
95.8628

■ 24.1178, 11.0005,
95.4599

■ 21.9430, 9.2834,
95.2431

■ 21.6913, 9.0972,
95.2204

Harmonies

Analogous

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



52.3885, 53.7977, 113.1422



60.2315, 53.7977, 101.8172



66.0476, 53.7977, 79.0575

Triad

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



60.2315, 53.7977, 101.8172



57.8577, 53.7977, 27.5154



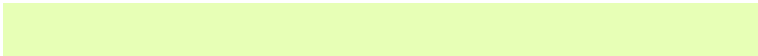
37.5063, 53.7977, 62.2157

Complementary

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



60.2315, 53.7977, 101.8172



77.1595, 91.8868, 57.9275

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.



38.6520, 53.7977, 41.9787



60.2315, 53.7977, 101.8172



49.8979, 53.7977, 25.1719

Square

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



60.2315, 53.7977, 101.8172



64.5816, 53.7977, 37.2238



43.0004, 53.7977, 29.7272



39.6946, 53.7977, 86.8438

Rectangle

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



60.2315, 53.7977, 101.8172



67.7003, 53.7977, 62.6427



43.0004, 53.7977, 29.7272



37.5165, 53.7977, 54.6903

Sweetspot

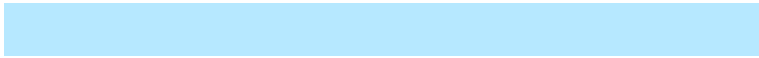
The Sweet Spot groups the original color and five complimentary colors.



60.2331, 53.7998, 101.8175



82.7185, 83.4159, 106.3489



66.1666, 74.8139, 105.5609



17.3046, 17.3195, 22.6809



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.



60.2331, 53.7998, 101.8175



55.0826, 47.1800, 100.8112



71.2656, 59.4873, 102.3338



17.5655, 17.6677, 22.7344



11.4735, 4.8253, 49.7612



1.2267, 0.5263, 4.8502

Inverse Universe

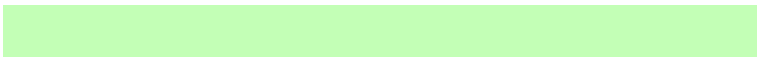
The Inverse Universe completely reimagines the original color for something new.



72.3929, 60.4873, 83.4623



69.0938, 54.8944, 79.2632



66.8097, 86.5513, 57.4431



18.5238, 18.1928, 21.3755



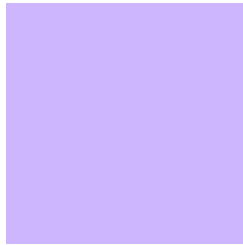
25.4698, 12.6772, 21.6560



2.5304, 1.2545, 2.3743

Previews

White Background



This preview shows how the XYZ color 60.2315, 53.7977, 101.8172 looks on a white background.

Color Contrast Check

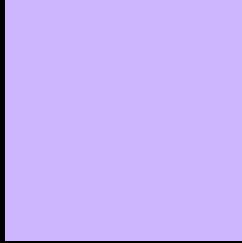
Large Text (above 18pt) WCAG AA × Fail

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 60.2315, 53.7977, 101.8172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

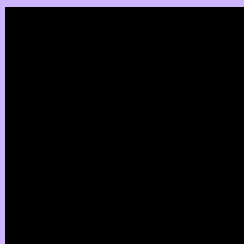
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.2315, 53.7977, 101.8172

Background



This preview shows how black text looks on a background with the XYZ color 60.2315, 53.7977, 101.8172.

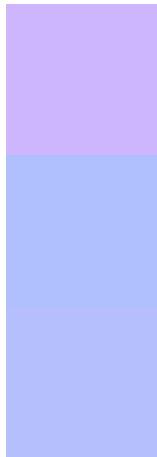


This preview shows how white text looks on a background with the XYZ color 60.2315, 53.7977,

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

60.2315, 53.7977, 101.8172

Protanopia

54.8041, 54.1494, 102.1711

Deuteranopia

55.4165, 54.1772, 100.4650



Tritanopia

52.7973, 53.5882, 65.9533

Trichromacy



Original Color

60.2315, 53.7977, 101.8172

Protanomaly

56.5267, 53.7512, 102.0035

Deuteranomaly

57.1078, 54.0693, 101.1925

Tritanomaly

55.2572, 53.6276, 77.9598

Monochromacy



Original Color

60.2315, 53.7977, 101.8172

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

55.7232, 55.2313, 74.7416

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.2315, 53.7977, 101.8172 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(206, 182, 255)` looks like.

```
.text, #text, p{  
    color:rgb(206, 182, 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(206, 182, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 182, 255) }
```

Border

The CSS property to change the border of an element to XYZ 60.2315, 53.7977, 101.8172 is called "border". The border property can be set on classes, ids or directly on the HTML element.

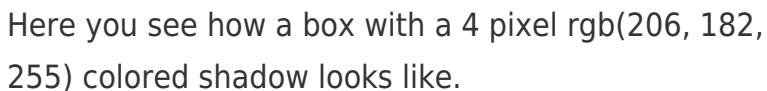
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 182, 255) }
```


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

```
.border{ border-color:rgb(206, 182, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(206, 182, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 182, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 182, 255);  
box-shadow:4px 4px 4px 4px rgb(206, 182,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2315, 53.7977, 101.8172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 182, 255) }
```

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

```
.background{ background-color: rgb(206,  
182, 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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