

Converting Colors

XYZ(57.1362, 51.5983,
101.5558)

Have a look what the booklet for
XYZ(57.1362, 51.5983, 101.5558)
contains.

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Color

**XYZ(57.1362, 51.5983,
101.5558)**

Conversions

Conversions Part 1

Format	Color
Hex	C4B4FF
RGB	196, 180, 255
RGB Percent	77%, 71%, 100%
CMY	0.2314, 0.2941, 0.0000
CMYK	0.23, 0.29, 0.00, 0.00
HSL	253°, 100%, 85%
HSV	253°, 29%, 100%
XYZ	57.1362, 51.5983, 101.5558
YIQ	193.3340, -14.5390, 26.7170

Conversions

Conversions Part 2

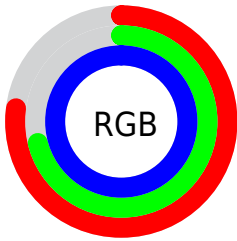
Format	Color
R_{YB}	196, 180, 255
Decimal	12891391
CIE _{Lab}	77.04, 20.95, -35.00
CIE _{LCh}	77, 40.786, 300.904
Yxy	51.5983, 0.2717, 0.2454
Android (android.graphics.Color)	4291081471 (0xFFC4B4FF)
YUV	193.3340, 30.4013, 2.3381
Hunter-Lab	71.8320, 16.2756, -33.5417

Details

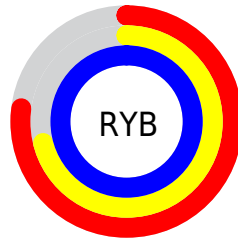
The XYZ color **57.1362, 51.5983, 101.5558** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.5956, 93.1664, 56.9700**, and the grayscale version is **50.7192, 53.3606, 58.1097**.

A 20% lighter version of the original color is **88.9185, 88.2817, 106.9613**, and **28.7669, 24.9187, 56.7197** is the 20% darker color. If you saturate the color by 10%, you get **47.5805, 39.7214, 99.7670**, and if you desaturate by 10%, it is **68.3396, 65.7327, 103.6935**.

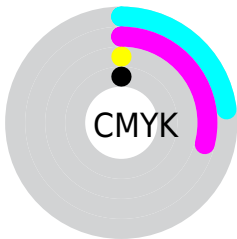
Distribution



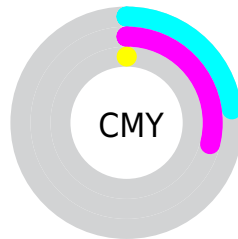
- Red (77%)
- Green (71%)
- Blue (100%)



- Red (77%)
- Yellow (71%)
- Blue (100%)



- Cyan (23%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)



- Cyan (23%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.1362, 51.5983, 101.5558 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 57.1362, 51.5983, 101.5558 by changing the saturation by 10% instead.

■ 57.1362, 51.5983,
101.5558

■ 57.1362, 51.5983,
101.5558

403.9654,
392.8839, 586.4585

■ 41.3552, 36.6850,
76.9764

■ 99.7941, 92.5385,
165.3641

■ 28.7856, 24.9637,
56.7220

127.4017,
119.3343, 205.4300

■ 19.0622, 16.0500,
40.3742

159.6822,
150.8596, 251.4951

■ 11.8195, 9.5595,
27.5145

197.0009,
187.4989, 303.9781

■ 6.6922, 5.1079,
17.7241

239.7232,
229.6366, 363.2973

■ 3.3150, 2.3107,
10.5847

288.2145,

■ 1.3224, 0.7794,

277.6570, 429.8715

5.6777

342.8401,
331.9447, 504.1190

■ 0.1999, 0.0000,
2.5845

■ 0.0000, 0.0000,
0.8844

■ 57.1362, 51.5983,
101.5558

■ 57.1362, 51.5983,
101.5558

■ 47.5805, 39.7214,
99.7670

■ 68.3396, 65.7327,
103.6935

■ 39.5884, 29.9778,
98.3075

■ 81.2600, 82.2280,
106.1965

■ 33.0751, 22.2405,
97.1573

95.0500, 100.0000,
108.9000

■ 27.9456, 16.3661,
96.2938

■ 24.0932, 12.1919,
95.6912

■ 21.3942, 9.5259,
95.3188

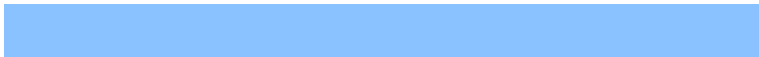
■ 19.6739, 8.0814,
95.1307

■ 19.5928, 8.0154,
95.1222

Harmonies

Analogous

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



49.2792, 51.5983, 110.8457



57.1362, 51.5983, 101.5558



63.3139, 51.5983, 79.7026

Triad

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



57.1362, 51.5983, 101.5558



56.6845, 51.5983, 26.4394



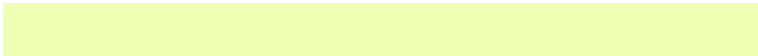
35.5512, 51.5983, 56.8608

Complementary

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



57.1362, 51.5983, 101.5558



79.5956, 93.1664, 56.9700

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.



37.0952, 51.5983, 37.8137



57.1362, 51.5983, 101.5558



48.8069, 51.5983, 23.3036

Square

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



57.1362, 51.5983, 101.5558



63.0343, 51.5983, 36.9211



41.7519, 51.5983, 26.8507



37.2916, 51.5983, 81.1907

Rectangle

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



57.1362, 51.5983, 101.5558



65.3510, 51.5983, 63.2321



41.7519, 51.5983, 26.8507



35.7017, 51.5983, 49.6760

Sweetspot

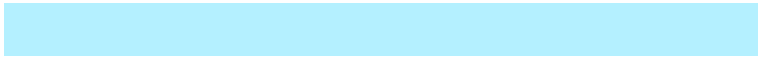
The Sweet Spot groups the original color and five complimentary colors.



57.1378, 51.6003, 101.5561



81.8277, 82.9566, 106.3072



68.0337, 79.2444, 106.3177



17.0864, 17.2070, 22.6707



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.



57.1378, 51.6003, 101.5561



51.5977, 44.6898, 100.5142



67.8137, 57.1040, 102.0557



17.3651, 17.5644, 22.7250



10.3380, 4.2399, 49.7081



1.0933, 0.4575, 4.8440

Inverse Universe

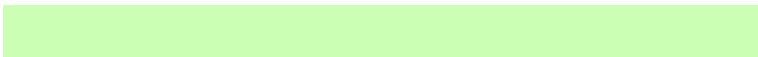
The Inverse Universe completely reimagines the original color for something new.



73.1422, 60.1362, 89.4147



69.9654, 54.4955, 86.1578



68.4920, 87.4423, 56.4503



18.6170, 18.2301, 21.8660



27.0902, 13.3254, 30.1891



2.6771, 1.3132, 3.1470

Previews

White Background



This preview shows how the XYZ color 57.1362, 51.5983, 101.5558 looks on a white background.

Color Contrast Check

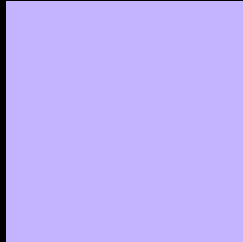
Large Text (above 18pt) WCAG AA × Fail

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 57.1362, 51.5983, 101.5558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

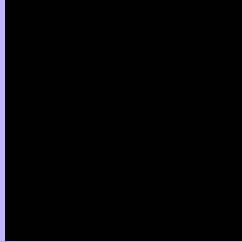
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.1362, 51.5983, 101.5558

Background



This preview shows how black text looks on a background with the XYZ color 57.1362, 51.5983, 101.5558.



This preview shows how white text looks on a background with the XYZ color 57.1362, 51.5983,

101.5558.

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

57.1362, 51.5983, 101.5558

Protanopia

52.8278, 51.8444, 101.8304

Deuteranopia

53.1153, 51.6951, 100.9446



Tritanopia

49.9264, 51.7995, 65.1245

Trichromacy



Original Color

57.1362, 51.5983, 101.5558

Protanomaly

54.2214, 51.6212, 101.7139

Deuteranomaly

54.3213, 51.3818, 100.8206

Tritanomaly

52.1134, 51.3927, 76.9851

Monochromacy



Original Color

57.1362, 51.5983, 101.5558

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 57.1362, 51.5983, 101.5558 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(196, 180, 255)` looks like.

```
.text, #text, p{  
    color:rgb(196, 180, 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(196, 180, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 180, 255) }
```

Border

The CSS property to change the border of an element to XYZ 57.1362, 51.5983, 101.5558 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(196, 180, 255) }
```


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

```
.border{ border-color:rgb(196, 180, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 180, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 180, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 180, 255);  
box-shadow:4px 4px 4px 4px rgb(196, 180,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1362, 51.5983, 101.5558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 180, 255) }
```

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

```
.background{ background-color: rgb(196,  
180, 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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