

Converting Colors

XYZ(57.4789, 53.6591,
101.9355)

Have a look what the booklet for
XYZ(57.4789, 53.6591, 101.9355)
contains.

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Color

**XYZ(57.3471, 53.5443,
101.9203)**

Conversions

Conversions Part 1

Format	Color
Hex	C0BAFF
RGB	192, 186, 255
RGB Percent	75%, 73%, 100%
CMY	0.2470, 0.2706, 0.0000
CMYK	0.25, 0.27, 0.00, 0.00
HSL	245°, 100%, 86%
HSV	245°, 27%, 100%
XYZ	57.3471, 53.5443, 101.9203
YIQ	195.6600, -18.5730, 22.7310

Conversions

Conversions Part 2

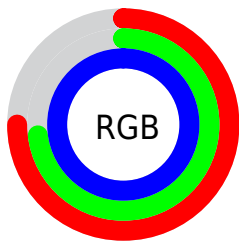
Format	Color
R_{YB}	192, 186, 255
Decimal	12630783
CIE _{Lab}	78.20, 16.49, -33.24
CIE _{LCh}	78, 37.101, 296.383
Yxy	53.5443, 0.2695, 0.2516
Android (android.graphics.Color)	4290820863 (0xFFC0BAFF)
YUV	195.6600, 29.2546, -3.2098
Hunter-Lab	73.1740, 11.8376, -31.3602

Details

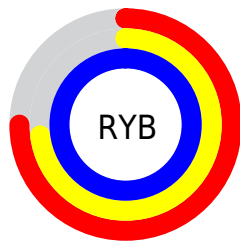
The XYZ color **57.3471, 53.5443, 101.9203** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **83.6907, 95.2053, 60.4221**, and the grayscale version is **52.1056, 54.8192, 59.6981**.

A 20% lighter version of the original color is **88.8691, 90.8640, 107.4623**, and **28.8971, 26.1706, 56.9545** is the 20% darker color. If you saturate the color by 10%, you get **47.0105, 40.9408, 100.0324**, and if you desaturate by 10%, it is **69.5780, 68.5498, 104.1720**.

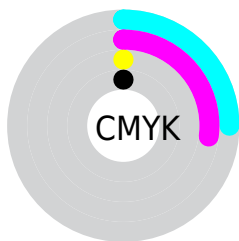
Distribution



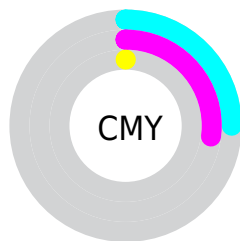
- Red (75%)
- Green (73%)
- Blue (100%)



- Red (75%)
- Yellow (73%)
- Blue (100%)



- Cyan (25%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.3471, 53.5443, 101.9203 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 57.3471, 53.5443, 101.9203 by changing the saturation by 10% instead.

■ 57.3471, 53.5443,
101.9203

■ 57.3471, 53.5443,
101.9203

404.7419,
400.3699, 587.6311

■ 41.5252, 38.2375,
77.2794

■ 100.0999, 95.4048,
165.8685

■ 28.9192, 26.1670,
56.9693

127.7615,
122.7273, 206.0128

■ 19.1637, 16.9486,
40.5714

160.1005,
154.8238, 252.1621

■ 11.8933, 10.1979,
27.6672

197.4820,
192.0786, 304.7348

■ 6.7427, 5.5304,
17.8381

240.2716,
234.8763, 364.1496

■ 3.3466, 2.5617,
10.6656

288.8345,

■ 1.3396, 0.9074,

283.6011, 430.8248

5.7311

343.5361,
338.6375, 505.1792

■ 0.2126, 0.0000,
2.6161

■ 0.0000, 0.0000,
0.9008

■ 57.3471, 53.5443,
101.9203

■ 57.3471, 53.5443,
101.9203

■ 47.0105, 40.9408,
100.0324

■ 69.5780, 68.5498,
104.1720

■ 38.4687, 30.6086,
98.4883

■ 83.7865, 86.0665,
106.8042

■ 31.6204, 22.4140,
97.2675

95.0500, 100.0000,
108.9000

■ 26.3522, 16.2067,
96.3470

■ 22.5365, 11.8169,
95.7008

■ 20.0259, 9.0461,
95.2983

■ 18.6388, 7.6444,
95.1009

■ 18.3847, 7.3925,
95.0657

Harmonies

Analogous

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



50.0172, 53.5443, 107.9598



57.3471, 53.5443, 101.9203



63.4171, 53.5443, 83.3376

Triad

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



57.3471, 53.5443, 101.9203



59.0137, 53.5443, 30.9555



38.1997, 53.5443, 55.8162

Complementary

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



57.3471, 53.5443, 101.9203



83.6907, 95.2053, 60.4221

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.



40.1357, 53.5443, 38.8594



57.3471, 53.5443, 101.9203



51.7774, 53.5443, 26.8247

Square

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



57.3471, 53.5443, 101.9203



64.4417, 53.5443, 42.2867



44.9409, 53.5443, 29.3320



39.3891, 53.5443, 77.9196

Rectangle

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



57.3471, 53.5443, 101.9203



65.6915, 53.5443, 68.2224



44.9409, 53.5443, 29.3320



38.5014, 53.5443, 49.3907

Sweetspot

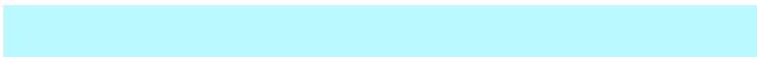
The Sweet Spot groups the original color and five complimentary colors.



57.3487, 53.5464, 101.9206



82.3602, 84.3048, 106.5393



72.2538, 85.5658, 107.3154



17.1494, 17.4532, 22.7149



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.



57.3487, 53.5464, 101.9206



52.0081, 47.0236, 100.9431



67.0528, 58.5490, 102.3748



17.1494, 17.4532, 22.7149



9.6561, 3.8884, 49.6762



0.9877, 0.4031, 4.8390

Inverse Universe

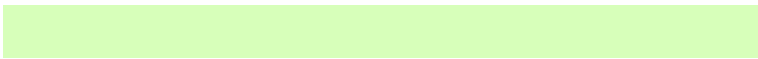
The Inverse Universe completely reimagines the original color for something new.



75.8988, 63.2192, 97.8258



73.1890, 58.0722, 96.0816



72.5750, 89.4750, 59.9019



18.7205, 18.2715, 22.4114



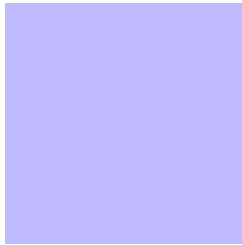
29.2496, 14.1891, 41.5602



2.8671, 1.3892, 4.1477

Previews

White Background



This preview shows how the XYZ color 57.3471, 53.5443, 101.9203 looks on a white background.

Color Contrast Check

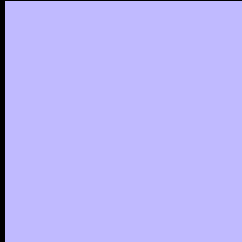
Large Text (above 18pt) WCAG AA × Fail

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 57.3471, 53.5443, 101.9203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

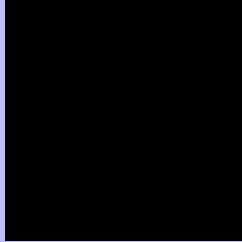
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.3471, 53.5443, 101.9203

Background



This preview shows how black text looks on a background with the XYZ color 57.3471, 53.5443, 101.9203.



This preview shows how white text looks on a background with the XYZ color 57.3471, 53.5443,

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

57.3471, 53.5443, 101.9203

Protanopia

54.5853, 53.7117, 102.0982

Deuteranopia

54.8933, 53.5664, 101.2121



Tritanopia

50.4531, 53.3040, 68.6023

Trichromacy



Original Color

57.3471, 53.5443, 101.9203

Protanomaly

55.5390, 53.5603, 102.0187

Deuteranomaly

55.8542, 53.7413, 101.1952

Tritanomaly

52.6080, 53.1917, 79.4458

Monochromacy



Original Color

57.3471, 53.5443, 101.9203

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

53.8797, 54.3111, 73.2890

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3471, 53.5443, 101.9203 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(192, 186, 255)` looks like.

```
.text, #text, p{  
    color:rgb(192, 186, 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(192, 186, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 186, 255) }
```

Border

The CSS property to change the border of an element to XYZ 57.3471, 53.5443, 101.9203 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(192, 186, 255) }
```


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

```
.border{ border-color:rgb(192, 186, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 186, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 186, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 186, 255);  
box-shadow:4px 4px 4px 4px rgb(192, 186,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3471, 53.5443, 101.9203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 186, 255) }
```

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

```
.background{ background-color: rgb(192,  
186, 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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