

Converting Colors

XYZ(56.6497, 50.9004,
101.4467)

Have a look what the booklet for
XYZ(56.6497, 50.9004, 101.4467)
contains.

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Color

**XYZ(56.6758, 51.0623,
101.4766)**

Conversions

Conversions Part 1

Format	Color
Hex	C3B3FF
RGB	195, 179, 255
RGB Percent	76%, 70%, 100%
CMY	0.2353, 0.2980, 0.0000
CMYK	0.24, 0.30, 0.00, 0.00
HSL	253°, 100%, 85%
HSV	253°, 30%, 100%
XYZ	56.6758, 51.0623, 101.4766
YIQ	192.4480, -14.8600, 27.0280

Conversions

Conversions Part 2

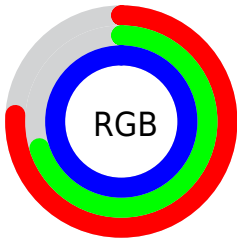
Format	Color
R_{YB}	195, 179, 255
Decimal	12825599
CIE _{Lab}	76.72, 21.20, -35.50
CIE _{LCh}	77, 41.352, 300.849
Yxy	51.0623, 0.2709, 0.2441
Android (android.graphics.Color)	4291015679 (0xFFC3B3FF)
YUV	192.4480, 30.8381, 2.2381
Hunter-Lab	71.4579, 16.5234, -34.1766

Details

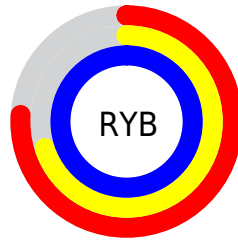
The XYZ color **56.6758, 51.0623, 101.4766** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.4939, 93.1257, 56.4352**, and the grayscale version is **50.1976, 52.8118, 57.5120**.

A 20% lighter version of the original color is **88.2663, 87.5193, 106.8485**, and **28.4691, 24.5744, 56.6689** is the 20% darker color. If you saturate the color by 10%, you get **47.1743, 39.2669, 99.7007**, and if you desaturate by 10%, it is **67.8267, 65.1131, 103.6010**.

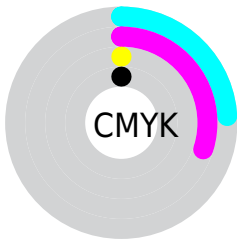
Distribution



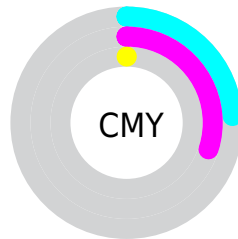
- Red (76%)
- Green (70%)
- Blue (100%)



- Red (76%)
- Yellow (70%)
- Blue (100%)



- Cyan (24%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (30%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.6758, 51.0623, 101.4766 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 56.6758, 51.0623, 101.4766 by changing the saturation by 10% instead.

■ 56.6758, 51.0623,
101.4766

■ 56.6758, 51.0623,
101.4766

402.2672,
390.8058, 586.2035

■ 40.9841, 36.2582,
76.9105

■ 99.1261, 91.7469,
165.2544

■ 28.4943, 24.6337,
56.6683

126.6154,
118.3961, 205.3033

■ 18.8410, 15.8043,
40.3314

158.7680,
149.7625, 251.3501

■ 11.6587, 9.3858,
27.4813

195.9492,
186.2305, 303.8136

■ 6.5823, 4.9937,
17.6994

238.5243,
228.1844, 363.1121

■ 3.2463, 2.2436,
10.5672

286.8588,

■ 1.2853, 0.7436,

276.0086, 429.6642

5.6661

341.3180,
330.0876, 503.8885

■ 0.1722, 0.0000,
2.5777

■ 0.0000, 0.0000,
0.8809

■ 56.6758, 51.0623,
101.4766

■ 56.6758, 51.0623,
101.4766

■ 47.1743, 39.2669,
99.7007

■ 67.8267, 65.1131,
103.6010

■ 39.2374, 29.6022,
98.2535

■ 80.6968, 81.5233,
106.0901

■ 32.7798, 21.9406,
97.1150

95.0500, 100.0000,
108.9000

■ 27.7058, 16.1378,
96.2624

■ 23.9075, 12.0299,
95.6697

■ 21.2600, 9.4233,
95.3061

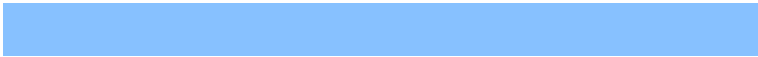
■ 19.5812, 8.0175,
95.1232

■ 19.5544, 7.9956,
95.1204

Harmonies

Analogous

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



48.7568, 51.0623, 110.8619



56.6758, 51.0623, 101.4766



62.9156, 51.0623, 79.3751

Triad

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



56.6758, 51.0623, 101.4766



56.2480, 51.0623, 25.7880



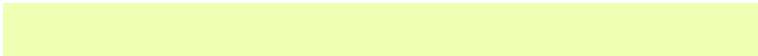
34.9739, 51.0623, 56.2402

Complementary

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



56.6758, 51.0623, 101.4766



79.4939, 93.1257, 56.4352

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.



36.5288, 51.0623, 37.1179



56.6758, 51.0623, 101.4766



48.3102, 51.0623, 22.6526

Square

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



56.6758, 51.0623, 101.4766



62.6505, 51.0623, 36.2781



41.2104, 51.0623, 26.1731



36.7139, 51.0623, 80.7879

Rectangle

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



56.6758, 51.0623, 101.4766



64.9785, 51.0623, 62.7461



41.2104, 51.0623, 26.1731



35.1269, 51.0623, 49.0148

Sweetspot

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



56.6774, 51.0643, 101.4769



81.8062, 82.9455, 106.3062



67.7428, 79.0071, 106.2872



17.0811, 17.2043, 22.6704



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.



56.6774, 51.0643, 101.4769



50.5987, 43.4948, 100.3362



67.5149, 56.6512, 101.9841



17.3603, 17.5620, 22.7248



10.3169, 4.2290, 49.7071



1.0906, 0.4561, 4.8438

Inverse Universe

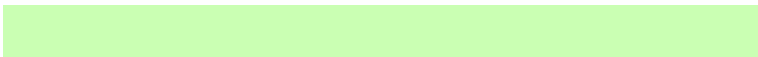
The Inverse Universe completely reimagines the original color for something new.



72.9410, 59.7338, 89.3473



69.4657, 53.5626, 85.7859



68.2008, 87.3039, 55.9067



18.6192, 18.2310, 21.8780



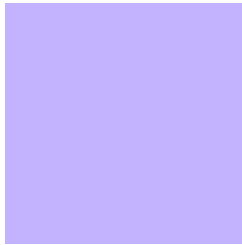
27.1336, 13.3427, 30.4178



2.6810, 1.3148, 3.1674

Previews

White Background



This preview shows how the XYZ color 56.6758, 51.0623, 101.4766 looks on a white background.

Color Contrast Check

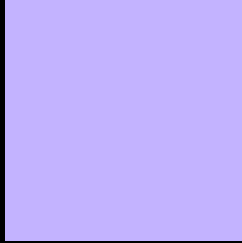
Large Text (above 18pt) WCAG AA × Fail

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 56.6758, 51.0623, 101.4766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

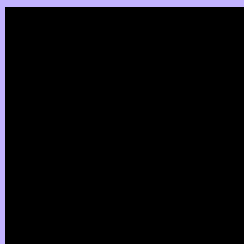
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.6758, 51.0623, 101.4766

Background



This preview shows how black text looks on a background with the XYZ color 56.6758, 51.0623, 101.4766.

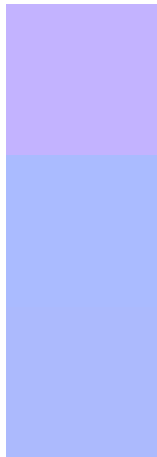


This preview shows how white text looks on a background with the XYZ color 56.6758, 51.0623,

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

56.6758, 51.0623, 101.4766

Protanopia

52.3979, 51.3067, 101.7493

Deuteranopia

52.3018, 50.9803, 100.0121



Tritanopia

49.1043, 51.0691, 64.3960

Trichromacy



Original Color

56.6758, 51.0623, 101.4766

Protanomaly

53.7809, 51.0847, 101.6335

Deuteranomaly

53.6453, 50.7260, 100.7296

Tritanomaly

51.6545, 50.8445, 76.9035

Monochromacy



Original Color

56.6758, 51.0623, 101.4766

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

52.0284, 51.7844, 71.5432

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6758, 51.0623, 101.4766 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(195, 179, 255)` looks like.

```
.text, #text, p{  
    color:rgb(195, 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(195, 179, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 179, 255) }
```

Border

The CSS property to change the border of an element to XYZ 56.6758, 51.0623, 101.4766 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(195, 179, 255) }
```


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

```
.border{ border-color:rgb(195, 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(195, 179, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 179, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 179, 255);  
box-shadow:4px 4px 4px 4px rgb(195, 179,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6758, 51.0623, 101.4766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 179, 255) }
```

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

```
.background{ background-color: rgb(195,  
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](#).

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