

Converting Colors

XYZ(56.5241, 52.2729,
101.7183)

Have a look what the booklet for
XYZ(56.5241, 52.2729, 101.7183)
contains.

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Color

**XYZ(56.4693, 52.1633,
101.7000)**

Conversions

Conversions Part 1

Format	Color
Hex	BFB7FF
RGB	191, 183, 255
RGB Percent	75%, 72%, 100%
CMY	0.2510, 0.2823, 0.0000
CMYK	0.25, 0.28, 0.00, 0.00
HSL	247°, 100%, 86%
HSV	247°, 28%, 100%
XYZ	56.4693, 52.1633, 101.7000
YIQ	193.6000, -18.3440, 24.0880

Conversions

Conversions Part 2

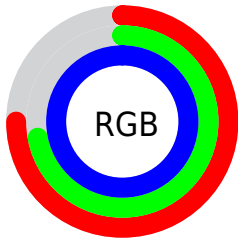
Format	Color
R _Y B	191, 183, 255
Decimal	12564479
CIE Lab	77.38, 17.84, -34.50
CIE LCh	77, 38.844, 297.342
Yxy	52.1633, 0.2685, 0.2480
Android (android.graphics.Color)	4290754559 (0xFFBFB7FF)
YUV	193.6000, 30.2702, -2.2802
Hunter-Lab	72.2242, 13.1700, -32.9303

Details

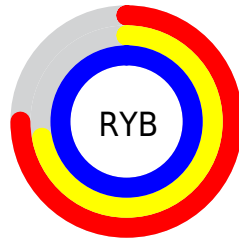
The XYZ color **56.4693, 52.1633, 101.7000** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.6657, 94.7134, 58.7264**, and the grayscale version is **50.8780, 53.5276, 58.2916**.

A 20% lighter version of the original color is **87.6279, 88.9095, 107.1505**, and **28.3290, 25.2767, 56.8119** is the 20% darker color. If you saturate the color by 10%, you get **46.4125, 39.8666, 99.8566**, and if you desaturate by 10%, it is **68.3642, 66.8243, 103.9029**.

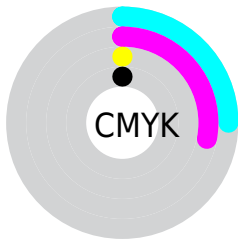
Distribution



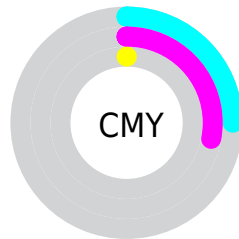
- Red (75%)
- Green (72%)
- Blue (100%)



- Red (75%)
- Yellow (72%)
- Blue (100%)



- Cyan (25%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (28%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.4693, 52.1633, 101.7000 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 56.4693, 52.1633, 101.7000 by changing the saturation by 10% instead.

■ 56.4693, 52.1633,
101.7000

■ 56.4693, 52.1633,
101.7000

401.5041,
395.0667, 586.9226

■ 40.8178, 37.1353,
77.0963

■ 98.8262, 93.3720,
165.5636

■ 28.3638, 25.3122,
56.8198

126.2624,
120.3215, 205.6606

■ 18.7419, 16.3098,
40.4522

158.3575,
152.0136, 251.7590

■ 11.5868, 9.7437,
27.5748

195.4768,
188.8326, 304.2775

■ 6.5332, 5.2293,
17.7692

237.9858,
231.1631, 363.6346

■ 3.2156, 2.3824,
10.6167

286.2498,

■ 1.2688, 0.8168,

279.3893, 430.2487

5.6988

340.6341,
333.8957, 504.5385

■ 0.1597, 0.0000,
2.5970

■ 0.0000, 0.0000,
0.8909

■ 56.4693, 52.1633,
101.7000

■ 56.4693, 52.1633,
101.7000

■ 46.4125, 39.8666,
99.8566

■ 68.3642, 66.8243,
103.9029

■ 38.0971, 29.8043,
98.3526

■ 82.1779, 83.9584,
106.4821

■ 31.4248, 21.8434,
97.1677

95.0500, 100.0000,
108.9000

■ 26.2855, 15.8339,
96.2786

■ 22.5551, 11.6062,
95.6592

■ 20.0900, 8.9610,
95.2785

■ 18.7050, 7.6302,
95.0947

■ 18.5380, 7.4716,
95.0728

Harmonies

Analogous

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



48.9170, 52.1633, 108.5558



56.4693, 52.1633, 101.7000



62.6734, 52.1633, 81.9947

Triad

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



56.4693, 52.1633, 101.7000



57.7361, 52.1633, 28.7403



36.5785, 52.1633, 54.9118

Complementary

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



56.4693, 52.1633, 101.7000



82.6657, 94.7134, 58.7264

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.



38.4498, 52.1633, 37.3758



56.4693, 52.1633, 101.7000



50.2483, 52.1633, 24.8331

Square

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



56.4693, 52.1633, 101.7000



63.4549, 52.1633, 39.9300



43.2745, 52.1633, 27.5466



37.8906, 52.1633, 77.8488

Rectangle

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



56.4693, 52.1633, 101.7000



64.9456, 52.1633, 66.2902



43.2745, 52.1633, 27.5466



36.8514, 52.1633, 48.2563

Sweetspot

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



56.4709, 52.1653, 101.7003



82.5244, 84.3894, 106.5470



71.0854, 84.2999, 107.1326



17.1903, 17.4743, 22.7168



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.



56.4709, 52.1653, 101.7003



50.4528, 44.7932, 100.5945



66.4115, 57.2899, 102.1655



17.1903, 17.4743, 22.7168



9.7461, 3.9348, 49.6804



1.0070, 0.4130, 4.8399

Inverse Universe

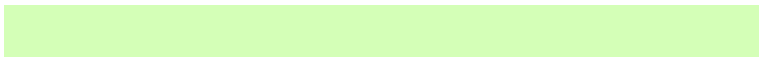
The Inverse Universe completely reimagines the original color for something new.



74.9629, 61.8440, 95.9825



71.8356, 55.9912, 93.7016



71.4021, 88.9067, 58.1993



18.7006, 18.2636, 22.3065



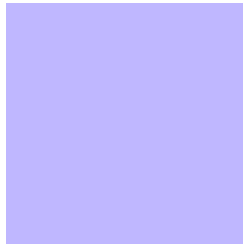
28.8046, 14.0111, 39.2170



2.8284, 1.3737, 3.9436

Previews

White Background



This preview shows how the XYZ color 56.4693, 52.1633, 101.7000 looks on a white background.

Color Contrast Check

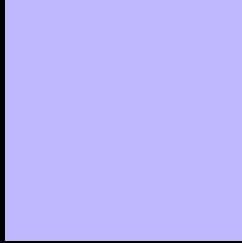
Large Text (above 18pt) WCAG AA × Fail

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 56.4693, 52.1633, 101.7000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

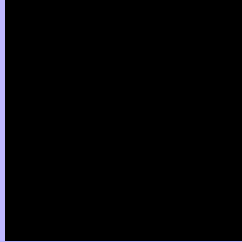
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.4693, 52.1633, 101.7000

Background



This preview shows how black text looks on a background with the XYZ color 56.4693, 52.1633, 101.7000.



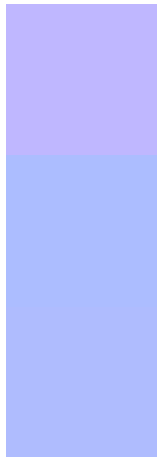
This preview shows how white text looks on a background with the XYZ color 56.4693, 52.1633,

101.7000.

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

56.4693, 52.1633, 101.7000

Protanopia

53.2609, 52.3858, 101.9121

Deuteranopia

53.5518, 52.2362, 101.0260



Tritanopia

49.4035, 52.1494, 66.4935

Trichromacy



Original Color

56.4693, 52.1633, 101.7000

Protanomaly

54.4107, 52.3444, 101.8435

Deuteranomaly

54.5044, 52.0973, 100.9490

Tritanomaly

51.6597, 52.0913, 77.8529

Monochromacy



Original Color

56.4693, 52.1633, 101.7000

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

52.8004, 53.1222, 72.4365

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4693, 52.1633, 101.7000 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(191, 183, 255)` looks like.

```
.text, #text, p{  
    color:rgb(191, 183, 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(191, 183, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 183, 255) }
```

Border

The CSS property to change the border of an element to XYZ 56.4693, 52.1633, 101.7000 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(191, 183, 255) }
```


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

```
.border{ border-color:rgb(191, 183, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 183, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 183, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 183, 255);  
box-shadow:4px 4px 4px 4px rgb(191, 183,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 56.4693, 52.1633, 101.7000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 183, 255) }
```

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

```
.background{ background-color: rgb(191,  
183, 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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