

Converting Colors

XYZ(56.5952, 53.1566,
101.8851)

Have a look what the booklet for
XYZ(56.5952, 53.1566, 101.8851)
contains.

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Color

**XYZ(56.5952, 53.1566,
101.8851)**

Conversions

Conversions Part 1

Format	Color
Hex	BDBAFF
RGB	189, 186, 255
RGB Percent	74%, 73%, 100%
CMY	0.2588, 0.2706, 0.0000
CMYK	0.26, 0.27, 0.00, 0.00
HSL	243°, 100%, 86%
HSV	243°, 27%, 100%
XYZ	56.5952, 53.1566, 101.8851
YIQ	194.7630, -20.3610, 22.0950

Conversions

Conversions Part 2

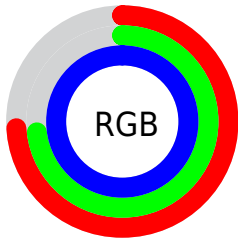
Format	Color
R _Y B	189, 186, 255
Decimal	12434175
CIE Lab	77.97, 15.61, -33.61
CIE LCh	78, 37.058, 294.920
Yxy	53.1566, 0.2674, 0.2512
Android (android.graphics.Color)	4290624255 (0xFFBDBAFF)
YUV	194.7630, 29.6968, -5.0542
Hunter-Lab	72.9086, 10.9704, -31.8180

Details

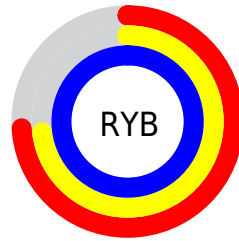
The XYZ color **56.5952, 53.1566, 101.8851** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.7683, 95.7608, 60.4724**, and the grayscale version is **51.5698, 54.2554, 59.0842**.

A 20% lighter version of the original color is **87.8082, 90.3171, 107.4127**, and **28.4121, 25.9206, 56.9318** is the 20% darker color. If you saturate the color by 10%, you get **46.1448, 40.4944, 99.9919**, and if you desaturate by 10%, it is **69.0248, 68.2645, 104.1461**.

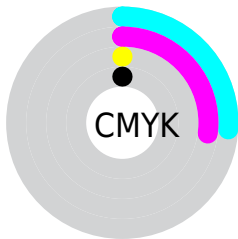
Distribution



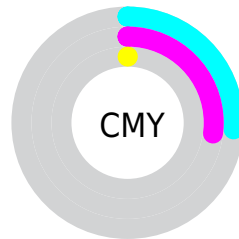
- Red (74%)
- Green (73%)
- Blue (100%)



- Red (74%)
- Yellow (73%)
- Blue (100%)



- Cyan (26%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (26%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.5952, 53.1566, 101.8851 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 56.5952, 53.1566, 101.8851 by changing the saturation by 10% instead.

■ 56.5952, 53.1566,
101.8851

■ 56.5952, 53.1566,
101.8851

401.9695,
398.8856, 587.5179

■ 40.9192, 37.9278,
77.2502

■ 99.0091, 94.8348,
165.8198

■ 28.4433, 25.9267,
56.9454

126.4776,
122.0529, 205.9565

■ 18.8023, 16.7688,
40.5524

158.6078,
154.0363, 252.0977

■ 11.6307, 10.0698,
27.6524

195.7648,
191.1693, 304.6618

■ 6.5631, 5.4452,
17.8271

238.3142,
233.8364, 364.0673

■ 3.2343, 2.5108,
10.6577

286.6212,

■ 1.2788, 0.8820,

282.4219, 430.7328

5.7259

341.0512,
337.3101, 505.0768

■ 0.1673, 0.0000,
2.6131

■ 0.0000, 0.0000,
0.8992

■ 56.5952, 53.1566,
101.8851

■ 56.5952, 53.1566,
101.8851

■ 46.1448, 40.4944,
99.9919

■ 69.0248, 68.2645,
104.1461

■ 37.5669, 30.1436,
98.4461

■ 83.5234, 85.9307,
106.7919

■ 30.7523, 21.9664,
97.2269

95.0500, 100.0000,
108.9000

■ 25.5783, 15.8077,
96.3108

■ 21.9065, 11.4921,
95.6713

■ 19.5758, 8.8141,
95.2773

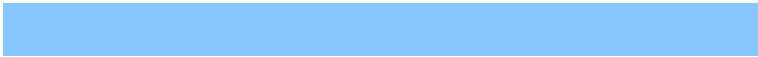
■ 18.3859, 7.5140,
95.0891

■ 18.1892, 7.2917,
95.0565

Harmonies

Analogous

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



49.3058, 53.1566, 107.1364



56.5952, 53.1566, 101.8851



62.7434, 53.1566, 83.8360

Triad

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



56.5952, 53.1566, 101.8851



58.9202, 53.1566, 31.0808



37.9311, 53.1566, 54.4327

Complementary

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



56.5952, 53.1566, 101.8851



84.7683, 95.7608, 60.4724

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.



40.0035, 53.1566, 37.9221



56.5952, 53.1566, 101.8851



51.7616, 53.1566, 26.6470

Square

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



56.5952, 53.1566, 101.8851



64.1727, 53.1566, 42.7048



44.9028, 53.1566, 28.8150



38.9618, 53.1566, 76.2779

Rectangle

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



56.5952, 53.1566, 101.8851



65.1317, 53.1566, 68.8382



44.9028, 53.1566, 28.8150



38.2816, 53.1566, 48.1485

Sweetspot

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



56.5968, 53.1586, 101.8854



82.0659, 84.1530, 106.5256



73.3313, 87.7209, 107.6746



17.0760, 17.4154, 22.7115



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.



56.5968, 53.1586, 101.8854



51.1899, 46.6017, 100.9048



65.9801, 57.9959, 102.3245



17.0760, 17.4154, 22.7115



9.5356, 3.8263, 49.6705



0.9530, 0.3852, 4.8374

Inverse Universe

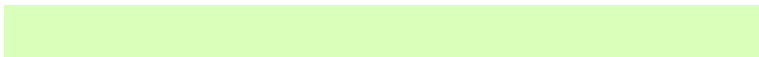
The Inverse Universe completely reimagines the original color for something new.



76.3704, 63.4077, 100.3095



73.7444, 58.2944, 99.0063



73.5972, 90.0019, 59.9496



18.7565, 18.2859, 22.6011



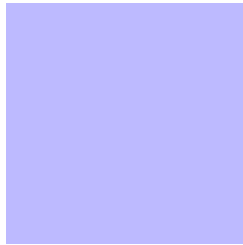
30.0893, 14.5250, 45.9822



2.9399, 1.4183, 4.5306

Previews

White Background



This preview shows how the XYZ color 56.5952, 53.1566, 101.8851 looks on a white background.

Color Contrast Check

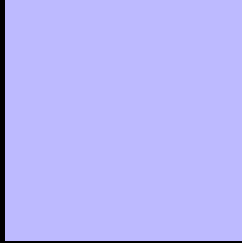
Large Text (above 18pt) WCAG AA × Fail

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 56.5952, 53.1566, 101.8851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

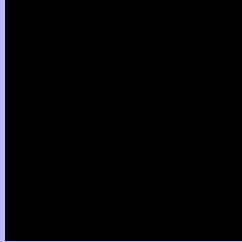
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.5952, 53.1566, 101.8851

Background



This preview shows how black text looks on a background with the XYZ color 56.5952, 53.1566, 101.8851.



This preview shows how white text looks on a background with the XYZ color 56.5952, 53.1566,

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

56.5952, 53.1566, 101.8851

Protanopia

54.1427, 53.1609, 102.0152

Deuteranopia

54.6629, 53.4476, 101.2013



Tritanopia

49.7470, 52.9400, 68.5693

Trichromacy



Original Color

56.5952, 53.1566, 101.8851

Protanomaly

55.0700, 53.3185, 101.9967

Deuteranomaly

55.3784, 53.4960, 101.1729

Tritanomaly

51.8867, 52.8199, 79.4120

Monochromacy



Original Color

56.5952, 53.1566, 101.8851

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

53.3663, 54.0465, 73.2649

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5952, 53.1566, 101.8851 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(189, 186, 255)` looks like.

```
.text, #text, p{  
    color:rgb(189, 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(189, 186, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 186, 255) }
```

Border

The CSS property to change the border of an element to XYZ 56.5952, 53.1566, 101.8851 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(189, 186, 255) }
```


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

```
.border{ border-color:rgb(189, 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(189, 186, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 186, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 186, 255);  
box-shadow:4px 4px 4px 4px rgb(189, 186,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5952, 53.1566, 101.8851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 186, 255) }
```

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

```
.background{ background-color: rgb(189,  
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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