

Converting Colors

XYZ(56.3311, 51.5318, 97.4617)

Have a look what the booklet for
XYZ(56.3311, 51.5318, 97.4617)
contains.

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Color

**XYZ(56.2849, 51.5520,
97.4265)**

Conversions

Conversions Part 1

Format	Color
Hex	C3B5FA
RGB	195, 181, 250
RGB Percent	76%, 71%, 98%
CMY	0.2353, 0.2902, 0.0196
CMYK	0.22, 0.28, 0.00, 0.02
HSL	252°, 87%, 85%
HSV	252°, 28%, 98%
XYZ	56.2849, 51.5520, 97.4265
YIQ	193.0520, -13.8050, 24.4270

Conversions

Conversions Part 2

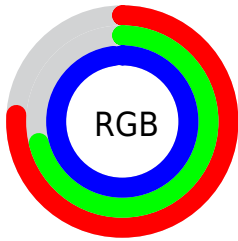
Format	Color
R _Y B	195, 181, 250
Decimal	12826106
CIE Lab	77.01, 18.96, -32.36
CIE LCh	77, 37.504, 300.370
Yxy	51.5520, 0.2742, 0.2512
Android (android.graphics.Color)	4291016186 (0xFFC3B5FA)
YUV	193.0520, 28.0754, 1.7084
Hunter-Lab	71.7997, 14.2794, -30.1920

Details

The XYZ color **56.2849, 51.5520, 97.4265** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **77.1197, 89.5415, 56.9368**, and the grayscale version is **50.5666, 53.2000, 57.9348**.

A 20% lighter version of the original color is **88.4791, 88.4838, 107.0235**, and **28.1600, 24.8640, 53.7671** is the 20% darker color. If you saturate the color by 10%, you get **46.8407, 39.8031, 95.6574**, and if you desaturate by 10%, it is **67.3318, 65.4834, 99.5342**.

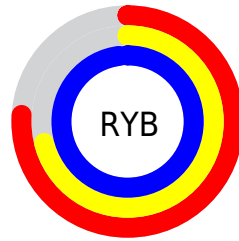
Distribution



Red (76%)

Green (71%)

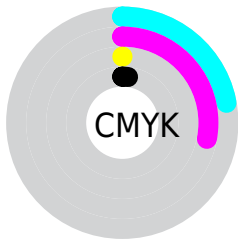
Blue (98%)



Red (76%)

Yellow (71%)

Blue (98%)

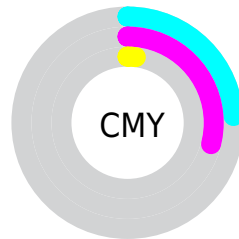


Cyan (22%)

Magenta (28%)

Yellow (0%)

Black (2%)



Cyan (24%)

Magenta (29%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.2849, 51.5520, 97.4265 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 56.2849, 51.5520, 97.4265 by changing the saturation by 10% instead.

■ 56.2849, 51.5520,
97.4265

■ 56.2849, 51.5520,
97.4265

400.8219,
392.7046, 573.0859

■ 40.6693, 36.6481,
73.5482

■ 98.5584, 92.4702,
159.6370

■ 28.2473, 24.9352,
53.9298

125.9470,
119.2533, 198.8062

■ 18.6536, 16.0287,
38.1527

157.9907,
150.7649, 243.9095

■ 11.5227, 9.5445,
25.7985

195.0547,
187.3894, 295.3654

■ 6.4895, 5.0980,
16.4485

237.5045,
229.5113, 353.5925

■ 3.1884, 2.3049,
9.6843

285.7054,

■ 1.2542, 0.7763,

277.5148, 419.0092

5.0873

340.0227,
331.7845, 492.0342

■ 0.1485, 0.0000,
2.2389

■ 0.0000, 0.0000,
0.6967

■ 56.2849, 51.5520,
97.4265

■ 56.2849, 51.5520,
97.4265

■ 46.8407, 39.8031,
95.6574

■ 67.3318, 65.4834,
99.5342

■ 38.9182, 30.1190,
94.2057

■ 80.0469, 81.6945,
101.9931

■ 32.4369, 22.3801,
93.0536

■ 94.1769, 99.6417,
104.7125

■ 27.3068, 16.4522,
92.1797

■ 94.2555, 99.6822,
104.7162

■ 23.4270, 12.1833,
91.5602

■ 20.6814, 9.3958,
91.1669

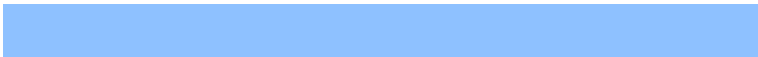
■ 18.9242, 7.8592,
90.9629

■ 18.6068, 7.5988,
90.9294

Harmonies

Analogous

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



49.0875, 51.5520, 105.4404



56.2849, 51.5520, 97.4265



61.9498, 51.5520, 77.9398

Triad

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



56.2849, 51.5520, 97.4265



56.1164, 51.5520, 28.3865



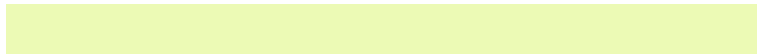
36.4941, 51.5520, 56.3860

Complementary

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



56.2849, 51.5520, 97.4265



77.1197, 89.5415, 56.9368

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.



37.9913, 51.5520, 38.8254



56.2849, 51.5520, 97.4265



48.9099, 51.5520, 25.2420

Square

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



56.2849, 51.5520, 97.4265



61.8461, 51.5520, 38.4820



42.3700, 51.5520, 28.5482



38.0663, 51.5520, 78.4892

Rectangle

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



56.2849, 51.5520, 97.4265



63.8447, 51.5520, 62.9806



42.3700, 51.5520, 28.5482



36.6533, 51.5520, 49.7976

Sweetspot

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



56.2866, 51.5541, 97.4277



83.1525, 84.7132, 106.5764



66.3660, 76.8335, 101.7759



17.3472, 17.5552, 22.7241



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.



56.2866, 51.5541, 97.4277



53.3047, 46.9708, 100.8645



66.1897, 56.6593, 97.8911



16.6119, 16.8126, 21.7549



9.9627, 4.0786, 48.2357



1.0052, 0.4203, 4.4713

Inverse Universe

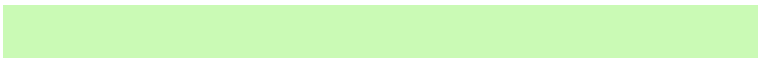
The Inverse Universe completely reimagines the original color for something new.



71.0901, 59.4298, 87.0828



71.1964, 56.4979, 87.9852



66.8037, 84.2234, 56.4541



17.8333, 17.4607, 20.9778



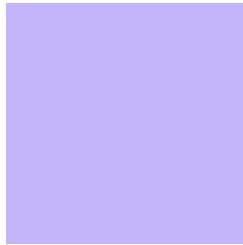
26.4504, 12.9959, 30.1439



2.4866, 1.2184, 2.9859

Previews

White Background



This preview shows how the XYZ color 56.2849, 51.5520, 97.4265 looks on a white background.

Color Contrast Check

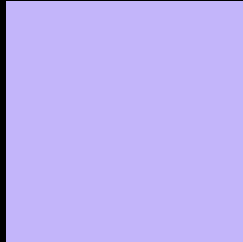
Large Text (above 18pt) WCAG AA × Fail

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 56.2849, 51.5520, 97.4265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

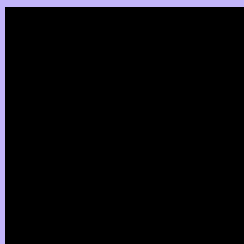
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.2849, 51.5520, 97.4265

Background



This preview shows how black text looks on a background with the XYZ color 56.2849, 51.5520, 97.4265.



This preview shows how white text looks on a background with the XYZ color 56.2849, 51.5520,

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

56.2849, 51.5520, 97.4265

Protanopia

52.8278, 51.8444, 101.8304

Deuteranopia

53.0007, 51.7273, 96.8135



Tritanopia

49.9264, 51.7995, 65.1245

Trichromacy



Original Color

56.2849, 51.5520, 97.4265

Protanomaly

53.9010, 51.4931, 100.0268

Deuteranomaly

54.2150, 51.7278, 96.7496

Tritanomaly

52.0567, 51.7083, 75.6436

Monochromacy



Original Color

56.2849, 51.5520, 97.4265

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

52.5833, 52.7196, 71.0228

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2849, 51.5520, 97.4265 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, 181, 250)` looks like.

```
.text, #text, p{  
    color:rgb(195, 181, 250)  
}
```

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, 181, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 181, 250) }
```

Border

The CSS property to change the border of an element to XYZ 56.2849, 51.5520, 97.4265 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, 181, 250) }
```


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

```
.border{ border-color:rgb(195, 181, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 181, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 181, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 181, 250);  
box-shadow:4px 4px 4px 4px rgb(195, 181,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2849, 51.5520, 97.4265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 181, 250) }
```

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

```
.background{ background-color: rgb(195,  
181, 250) }
```

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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