

Converting Colors

XYZ(43.7590, 27.9413, 98.1540)

Have a look what the booklet for
XYZ(43.7590, 27.9413, 98.1540)
contains.

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Color

**XYZ(43.5951, 27.8879,
97.6929)**

Conversions

Conversions Part 1

Format	Color
Hex	BB69FF
RGB	187, 105, 255
RGB Percent	73%, 41%, 100%
CMY	0.2667, 0.5882, 0.0000
CMYK	0.27, 0.59, 0.00, 0.00
HSL	273°, 100%, 71%
HSV	273°, 59%, 100%
XYZ	43.5951, 27.8879, 97.6929
YIQ	146.6180, 0.7220, 64.0340

Conversions

Conversions Part 2

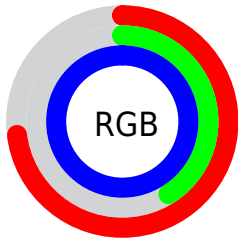
Format	Color
R _Y B	187, 105, 255
Decimal	12282367
CIE Lab	59.79, 58.93, -62.23
CIE LCh	60, 85.706, 313.439
Yxy	27.8879, 0.2577, 0.1648
Android (android.graphics.Color)	4290472447 (0xFFBB69FF)
YUV	146.6180, 53.4323, 35.4150
Hunter-Lab	52.8090, 54.9403, -72.7160

Details

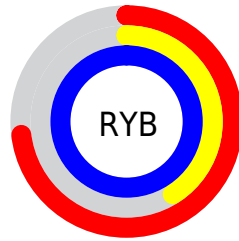
The XYZ color **43.5951, 27.8879, 97.6929** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **55.5434, 81.4241, 26.1543**, and the grayscale version is **27.3633, 28.7883, 31.3505**.

A 20% lighter version of the original color is **68.4542, 51.6091, 100.9614**, and **20.3151, 11.0660, 53.8885** is the 20% darker color. If you saturate the color by 10%, you get **38.6614, 22.0502, 96.8262**, and if you desaturate by 10%, it is **49.5371, 35.4017, 98.8301**.

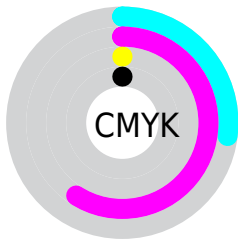
Distribution



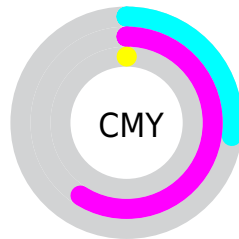
- Red (73%)
- Green (41%)
- Blue (100%)



- Red (73%)
- Yellow (41%)
- Blue (100%)



- Cyan (27%)
- Magenta (59%)
- Yellow (0%)
- Black (0%)





- Cyan (27%)
- Magenta (59%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.5951, 27.8879, 97.6929 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 43.5951, 27.8879, 97.6929 by changing the saturation by 10% instead.


 43.5951, 27.8879,
97.6929


 43.5951, 27.8879,
97.6929

351.9336,
291.9309, 573.9536


 30.5489, 18.2412,
73.7691


 79.8582, 56.3054,
160.0072


 20.4057, 11.1233,
54.1094


 103.8059, 75.8450,
199.2347

 12.8003, 6.1498,
38.2954

 132.1180, 99.4510,
244.4006

 7.3672, 2.9364,
25.9084

 165.1600,
127.5078, 295.9233

 3.7412, 1.0986,
16.5300

203.2972,
160.3998, 354.2214

 1.5568, 0.0000,
9.7416

246.8949,

 0.3640, 0.0000,

198.5114, 419.7135

5.1246

296.3186,
242.2269, 492.8181

■ 0.0000, 0.0000,
2.2605

■ 0.0000, 0.0000,
0.7090

■ 43.5951, 27.8879,
97.6929

■ 43.5951, 27.8879,
97.6929

■ 38.6614, 22.0502,
96.8262

■ 49.5371, 35.4017,
98.8301

■ 34.6552, 17.7388,
96.2051

■ 56.5522, 44.7175,
100.2585

■ 31.4870, 14.7813,
95.8013

■ 64.7032, 55.9520,
101.9973

■ 29.0272, 12.9273,
95.5731

■ 74.0468, 69.2113,
104.0642

■ 28.7650, 12.7438,
95.5515

■ 84.6353, 84.5934,
106.4751

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



31.6571, 27.8879, 133.4368



43.5951, 27.8879, 97.6929



51.9548, 27.8879, 50.7786

Triad

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



43.5951, 27.8879, 97.6929



32.9091, 27.8879, 1.5544



10.9524, 27.8879, 46.4762

Complementary

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



43.5951, 27.8879, 97.6929



55.5434, 81.4241, 26.1543

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.



11.1164, 27.8879, 16.3199



43.5951, 27.8879, 97.6929



21.9475, 27.8879, 1.4411

Square

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



43.5951, 27.8879, 97.6929



44.7246, 27.8879, 5.0248



14.5937, 27.8879, 4.3624



14.0605, 27.8879, 92.7619

Rectangle

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



43.5951, 27.8879, 97.6929



53.2622, 27.8879, 26.9201



14.5937, 27.8879, 4.3624



10.6590, 27.8879, 34.0923

Sweetspot

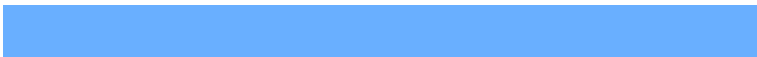
The Sweet Spot groups the original color and five complimentary colors.



43.5962, 27.8889, 97.6931



74.8700, 70.3951, 104.2493



39.2063, 40.8839, 100.4327



15.4099, 14.1848, 22.1757



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.



43.5962, 27.8889, 97.6931



37.7128, 20.9868, 96.6709



63.5472, 38.2658, 94.4793



17.9522, 17.8671, 22.7525



15.2048, 6.7489, 49.9359



1.6064, 0.7220, 4.8680

Inverse Universe

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



53.8346, 34.3808, 43.3335



49.6882, 28.5520, 34.3551



44.4006, 75.6493, 27.0142



18.3517, 18.1240, 20.4694



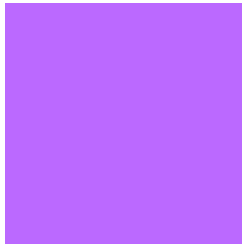
23.2567, 11.7920, 10.0024



2.3187, 1.1698, 1.2595

Previews

White Background



This preview shows how the XYZ color 43.5951, 27.8879, 97.6929 looks on a white background.

Color Contrast Check

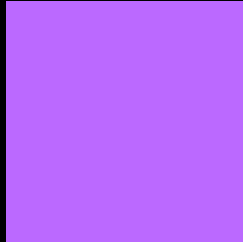
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.5951, 27.8879, 97.6929 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 × Fail

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

XYZ 43.5951, 27.8879, 97.6929

Background



This preview shows how black text looks on a background with the XYZ color 43.5951, 27.8879, 97.6929.

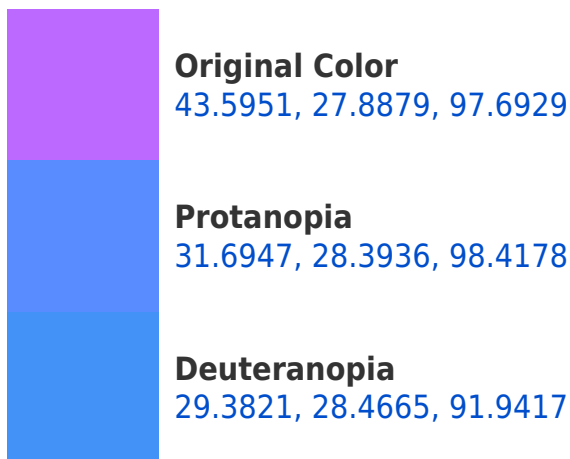


This preview shows how white text looks on a background with the XYZ color 43.5951, 27.8879,

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





Tritanopia

30.0007, 27.7281, 30.9650

Trichromacy



Original Color

43.5951, 27.8879, 97.6929

Protanomaly

34.2266, 27.0183, 98.0189

Deuteranomaly

31.9272, 26.5142, 93.8775

Tritanomaly

33.7498, 27.0744, 49.9015

Monochromacy



Original Color

43.5951, 27.8879, 97.6929

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

32.0145, 27.7291, 50.1193

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5951, 27.8879, 97.6929 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(187, 105, 255)` looks like.

```
.text, #text, p{  
    color:rgb(187, 105, 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(187, 105, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 105, 255) }
```

Border

The CSS property to change the border of an element to XYZ 43.5951, 27.8879, 97.6929 is called "border". The border property can be set on classes, ids or directly on the HTML element.

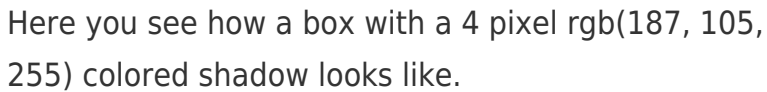
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 105, 255) }
```


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

```
.border{ border-color:rgb(187, 105, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 105, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 105, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 105, 255); box-shadow:4px 4px 4px 4px rgb(187, 105, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5951, 27.8879, 97.6929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 105, 255) }
```

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

```
.background{ background-color: rgb(187,  
105, 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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