

Converting Colors

XYZ(50.2812, 42.8859,
100.2354)

Have a look what the booklet for
XYZ(50.2812, 42.8859, 100.2354)
contains.

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Color

**XYZ(50.2617, 43.0057,
100.2596)**

Conversions

Conversions Part 1

Format	Color
Hex	B6A2FF
RGB	182, 162, 255
RGB Percent	71%, 64%, 100%
CMY	0.2863, 0.3647, 0.0000
CMYK	0.29, 0.36, 0.00, 0.00
HSL	253°, 100%, 82%
HSV	253°, 36%, 100%
XYZ	50.2617, 43.0057, 100.2596
YIQ	178.5820, -17.9330, 33.1630

Conversions

Conversions Part 2

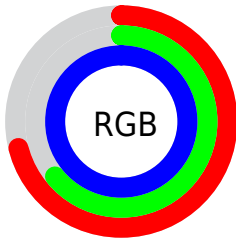
Format	Color
RYB	182, 162, 255
Decimal	11969279
CIELab	71.56, 26.92, -43.61
CIElCh	72, 51.251, 301.688
Yxy	43.0057, 0.2597, 0.2222
Android (android.graphics.Color)	4290159359 (0xFFB6A2FF)
YUV	178.5820, 37.6741, 2.9976
Hunter-Lab	65.5787, 22.0455, -44.7400

Details

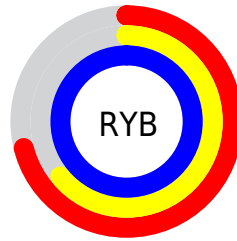
The XYZ color **50.2617, 43.0057, 100.2596** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **76.5428, 91.7909, 47.8671**, and the grayscale version is **42.4397, 44.6498, 48.6237**.

A 20% lighter version of the original color is **78.7980, 75.3710, 105.0027**, and **24.5214, 19.7411, 55.9441** is the 20% darker color. If you saturate the color by 10%, you get **41.8229, 32.6505, 98.7056**, and if you desaturate by 10%, it is **60.2896, 55.5338, 102.1492**.

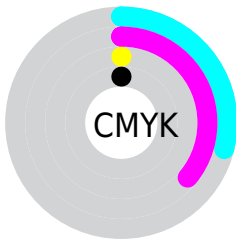
Distribution



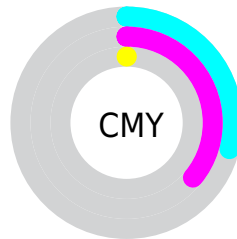
- Red (71%)
- Green (64%)
- Blue (100%)



- Red (71%)
- Yellow (64%)
- Blue (100%)



- Cyan (29%)
- Magenta (36%)
- Yellow (0%)
- Black (0%)





- Cyan (29%)
- Magenta (36%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.2617, 43.0057, 100.2596 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 50.2617, 43.0057, 100.2596 by changing the saturation by 10% instead.


 50.2617, 43.0057,
100.2596


 50.2617, 43.0057,
100.2596


378.1236,
358.6352, 582.2784

 35.8400, 29.8896,
75.8993

 89.7520, 79.7195,
163.5689

 24.4802, 19.7548,
55.8438


 115.5514,
104.0859, 203.3549

 15.8169, 12.2169,
39.6745


145.8740,
132.9712, 249.1199

 9.4847, 6.8916,
26.9730

181.0852,
166.7599, 301.2824

 5.1183, 3.3944,
17.3207

221.5504,
205.8362, 360.2610

 2.3523, 1.3409,
10.2990

267.6350,

 0.8212, 0.1726,

250.5846, 426.4741

5.4895

319.7043,
301.3895, 500.3405

■ 0.0000, 0.0000,
2.4735

■ 0.0000, 0.0000,
0.8261

■ 50.2617, 43.0057,
100.2596

■ 50.2617, 43.0057,
100.2596

■ 41.8229, 32.6505,
98.7056

■ 60.2896, 55.5338,
102.1492

■ 34.8852, 24.3379,
97.4668

■ 71.9801, 70.3453,
104.3920

■ 29.3580, 17.9309,
96.5214

■ 85.4068, 87.5489,
107.0049

■ 25.1387, 13.2733,
95.8448

95.0500, 100.0000,
108.9000

■ 22.1096, 10.1835,
95.4080

■ 20.1285, 8.4366,
95.1753

■ 19.6168, 8.0277,
95.1233

Harmonies

Analogous

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



41.3680, 43.0057, 112.5028



50.2617, 43.0057, 100.2596



57.3585, 43.0057, 73.2822

Triad

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



50.2617, 43.0057, 100.2596



49.2931, 43.0057, 16.1385



26.3876, 43.0057, 48.2445

Complementary

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



50.2617, 43.0057, 100.2596



76.5428, 91.7909, 47.8671

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.



27.8981, 43.0057, 27.6535



50.2617, 43.0057, 100.2596



40.3872, 43.0057, 13.5024

Square

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



50.2617, 43.0057, 100.2596



56.7460, 43.0057, 25.9763



32.7375, 43.0057, 16.8388



28.2800, 43.0057, 76.6105

Rectangle

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



50.2617, 43.0057, 100.2596



59.6663, 43.0057, 54.0645



32.7375, 43.0057, 16.8388



26.5131, 43.0057, 40.2640

Sweetspot

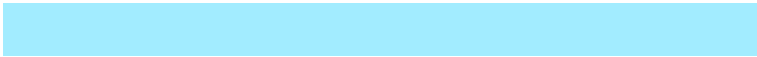
The Sweet Spot groups the original color and five complimentary colors.



50.2631, 43.0073, 100.2598



79.1040, 79.4515, 105.7742



63.0619, 75.1236, 105.7843



16.5430, 16.5082, 22.5644



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.



50.2631, 43.0073, 100.2598



43.7640, 35.0128, 99.0593



62.6813, 49.4091, 100.8410



17.3681, 17.5660, 22.7251



10.3512, 4.2467, 49.7087



1.0950, 0.4584, 4.8440

Inverse Universe

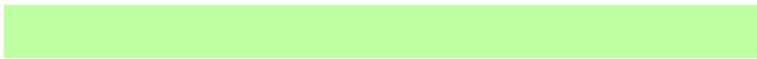
The Inverse Universe completely reimagines the original color for something new.



69.1563, 53.1000, 85.2017



65.4379, 46.6071, 81.0523



63.4927, 85.0633, 47.2564



18.6155, 18.2295, 21.8586



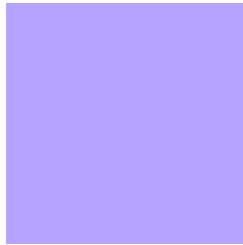
27.0634, 13.3147, 30.0482



2.6747, 1.3123, 3.1344

Previews

White Background



This preview shows how the XYZ color 50.2617, 43.0057, 100.2596 looks on a white background.

Color Contrast Check

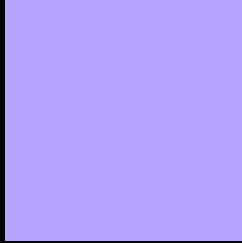
Large Text (above 18pt) WCAG AA × Fail

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 50.2617, 43.0057, 100.2596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

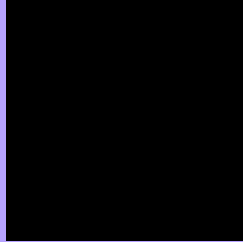
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.2617, 43.0057, 100.2596

Background



This preview shows how black text looks on a background with the XYZ color 50.2617, 43.0057, 100.2596.



This preview shows how white text looks on a background with the XYZ color 50.2617, 43.0057,

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

50.2617, 43.0057, 100.2596

Protanopia

45.2063, 43.4030, 100.6027

Deuteranopia

44.5427, 43.3837, 98.9547



Tritanopia

40.8775, 42.7691, 54.2449

Trichromacy



Original Color

50.2617, 43.0057, 100.2596

Protanomaly

46.7352, 43.0695, 100.4578

Deuteranomaly

46.3647, 43.1743, 99.6557

Tritanomaly

43.8405, 42.5522, 68.8535

Monochromacy



Original Color

50.2617, 43.0057, 100.2596

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

45.0284, 44.0954, 65.1695

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.2617, 43.0057, 100.2596 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(182, 162, 255)` looks like.

```
.text, #text, p{  
    color:rgb(182, 162, 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(182, 162, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 162, 255) }
```

Border

The CSS property to change the border of an element to XYZ 50.2617, 43.0057, 100.2596 is called "border". The border property can be set on classes, ids or directly on the HTML element.

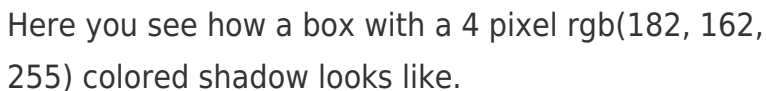
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(182, 162, 255) }
```


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

```
.border{ border-color:rgb(182, 162, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(182, 162, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 162, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 162, 255);  
box-shadow:4px 4px 4px 4px rgb(182, 162,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 50.2617, 43.0057, 100.2596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 162, 255) }
```

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

```
.background{ background-color: rgb(182,  
162, 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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