

Converting Colors

XYZ(43.1047, 29.1956, 97.9712)

Have a look what the booklet for
XYZ(43.1047, 29.1956, 97.9712)
contains.

XYZ(43.2368, 29.3052, 97.9854)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.2368, 29.3052,
97.9854)**

Conversions

Conversions Part 1

Format	Color
Hex	B573FF
RGB	181, 115, 255
RGB Percent	71%, 45%, 100%
CMY	0.2902, 0.5490, 0.0000
CMYK	0.29, 0.55, 0.00, 0.00
HSL	268°, 100%, 73%
HSV	268°, 55%, 100%
XYZ	43.2368, 29.3052, 97.9854
YIQ	150.6940, -5.6040, 57.5320

Conversions

Conversions Part 2

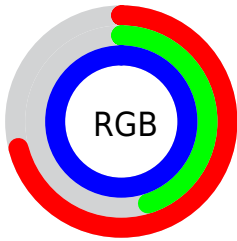
Format	Color
R _Y B	181, 115, 255
Decimal	11891711
CIE Lab	61.05, 52.43, -60.25
CIE LCh	61, 79.865, 311.030
Yxy	29.3052, 0.2535, 0.1719
Android (android.graphics.Color)	4290081791 (0xFFB573FF)
YUV	150.6940, 51.4229, 26.5784
Hunter-Lab	54.1343, 47.8321, -69.4235

Details

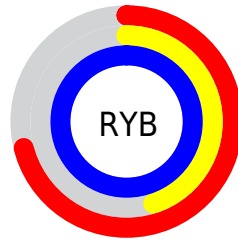
The XYZ color **43.2368, 29.3052, 97.9854** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **59.8407, 83.5766, 29.1984**, and the grayscale version is **29.0751, 30.5892, 33.3117**.

A 20% lighter version of the original color is **68.1731, 54.1212, 101.4611**, and **20.1677, 11.8713, 54.0518** is the 20% darker color. If you saturate the color by 10%, you get **37.7119, 22.7215, 97.0058**, and if you desaturate by 10%, it is **49.8737, 37.6566, 99.2476**.

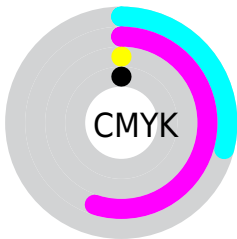
Distribution



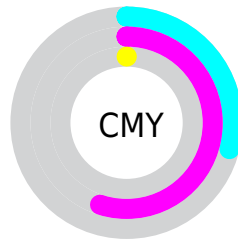
- Red (71%)
- Green (45%)
- Blue (100%)



- Red (71%)
- Yellow (45%)
- Blue (100%)



- Cyan (29%)
- Magenta (55%)
- Yellow (0%)
- Black (0%)





- Cyan (29%)
- Magenta (55%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.2368, 29.3052, 97.9854 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 43.2368, 29.3052, 97.9854 by changing the saturation by 10% instead.


 43.2368, 29.3052,
97.9854


 43.2368, 29.3052,
97.9854


350.4897,
298.6523, 574.9056


 30.2663, 19.3118,
74.0117


 79.3216, 58.5616,
160.4135

 20.1899, 11.8958,
54.3067


 103.1665, 78.5935,
199.7050

 12.6422, 6.6728,
38.4521


 131.3670,
102.7403, 244.9395

 7.2579, 3.2583,
26.0292

164.2884,
131.3864, 296.5355

 3.6717, 1.2680,
16.6195

202.2960,
164.9163, 354.9116

 1.5181, 0.1162,
9.8045

245.7552,

 0.3381, 0.0000,

203.7143, 420.4862

5.1656

295.0313,
248.1648, 493.6781

■ 0.0000, 0.0000,
2.2843

■ 0.0000, 0.0000,
0.7224

■ 43.2368, 29.3052,
97.9854

■ 43.2368, 29.3052,
97.9854

■ 37.7119, 22.7215,
97.0058

■ 49.8737, 37.6566,
99.2476

■ 33.2189, 17.7617,
96.2853

■ 57.6878, 47.8975,
100.8124

■ 29.6706, 14.2636,
95.7971

■ 66.7430, 60.1422,
102.6986

■ 26.9599, 12.0269,
95.5082

■ 77.0968, 74.4950,
104.9233

■ 25.8260, 11.2287,
95.4139

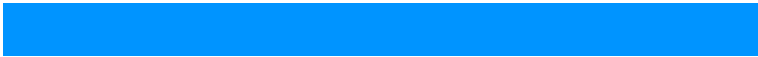
■ 88.8034, 91.0525,
107.5022

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.



31.8780, 29.3052, 128.2811



43.2368, 29.3052, 97.9854



51.5060, 29.3052, 54.5096

Triad

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



43.2368, 29.3052, 97.9854



34.9096, 29.3052, 2.5629



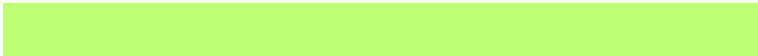
12.4196, 29.3052, 44.2342

Complementary

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



43.2368, 29.3052, 97.9854



59.8407, 83.5766, 29.1984

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.



12.8446, 29.3052, 16.6189



43.2368, 29.3052, 97.9854



24.1832, 29.3052, 2.1979

Square

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



43.2368, 29.3052, 97.9854



45.9282, 29.3052, 7.0780



16.6354, 29.3052, 5.2077



15.2788, 29.3052, 86.5576

Rectangle

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



43.2368, 29.3052, 97.9854



53.1626, 29.3052, 30.8847



16.6354, 29.3052, 5.2077



12.2061, 29.3052, 32.9545

Sweetspot

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



43.2379, 29.3063, 97.9855



75.8937, 72.8114, 104.6617



43.4622, 47.5482, 101.4948



15.7714, 14.9249, 22.2995



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.



43.2379, 29.3063, 97.9855



37.1691, 22.0997, 96.9144



63.7250, 39.8677, 98.9443



17.8174, 17.7976, 22.7462



13.6639, 5.9545, 49.8637



1.4553, 0.6442, 4.8609

Inverse Universe

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



56.5562, 37.1962, 52.3423



52.4264, 31.1489, 44.1452



46.5546, 76.7273, 28.5766



18.4106, 18.1475, 20.7793



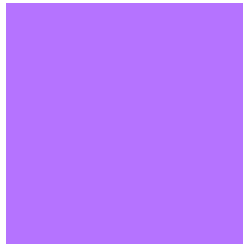
23.9020, 12.0501, 13.4002



2.3825, 1.1954, 1.5956

Previews

White Background



This preview shows how the XYZ color 43.2368, 29.3052, 97.9854 looks on a white background.

Color Contrast Check

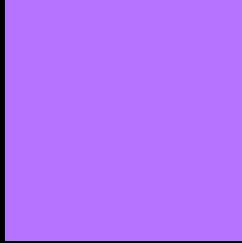
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.2368, 29.3052, 97.9854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

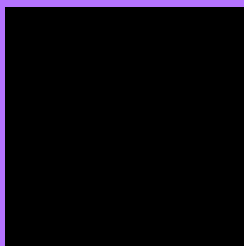
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 43.2368, 29.3052, 97.9854

Background



This preview shows how black text looks on a background with the XYZ color 43.2368, 29.3052, 97.9854.



This preview shows how white text looks on a background with the XYZ color 43.2368, 29.3052,

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

43.2368, 29.3052, 97.9854

Protanopia

32.9530, 29.7079, 98.6051

Deuteranopia

30.7513, 29.8500, 92.9478



Tritanopia

30.1749, 29.0310, 34.1502

Trichromacy



Original Color

43.2368, 29.3052, 97.9854



Protanomaly

35.3396, 28.5843, 98.2625



Deuteranomaly

33.4285, 28.5012, 95.0062



Tritanomaly

33.9077, 28.6553, 52.4591

Monochromacy



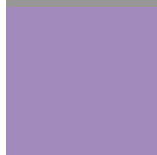
Original Color

43.2368, 29.3052, 97.9854



Achromatopsia

29.4150, 30.9469, 33.7012



Achromatomaly

33.1741, 29.5325, 52.0960

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2368, 29.3052, 97.9854 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(181, 115, 255)` looks like.

```
.text, #text, p{  
    color:rgb(181, 115, 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(181, 115, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 115, 255) }
```

Border

The CSS property to change the border of an element to XYZ 43.2368, 29.3052, 97.9854 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(181, 115, 255) }
```


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

```
.border{ border-color:rgb(181, 115, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 115, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 115, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 115, 255);  
box-shadow:4px 4px 4px 4px rgb(181, 115,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2368, 29.3052, 97.9854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 115, 255) }
```

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

```
.background{ background-color: rgb(181,  
115, 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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