

Converting Colors

XYZ(43.0164, 29.1734, 97.9716)

Have a look what the booklet for
XYZ(43.0164, 29.1734, 97.9716)
contains.

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Color

**XYZ(43.0031, 29.1848,
97.9745)**

Conversions

Conversions Part 1

Format	Color
Hex	B473FF
RGB	180, 115, 255
RGB Percent	71%, 45%, 100%
CMY	0.2941, 0.5490, 0.0000
CMYK	0.29, 0.55, 0.00, 0.00
HSL	268°, 100%, 73%
HSV	268°, 55%, 100%
XYZ	43.0031, 29.1848, 97.9745
YIQ	150.3950, -6.2000, 57.3200

Conversions

Conversions Part 2

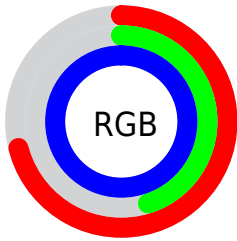
Format	Color
R _Y B	180, 115, 255
Decimal	11826175
CIE Lab	60.94, 52.19, -60.42
CIE LCh	61, 79.841, 310.819
Yxy	29.1848, 0.2527, 0.1715
Android (android.graphics.Color)	4290016255 (0xFFB473FF)
YUV	150.3950, 51.5703, 25.9636
Hunter-Lab	54.0230, 47.5486, -69.7106

Details

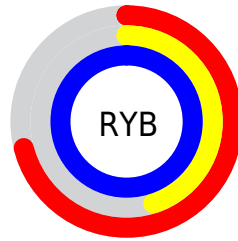
The XYZ color **43.0031, 29.1848, 97.9745** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **60.0899, 83.7050, 29.2102**, and the grayscale version is **28.9478, 30.4554, 33.1659**.

A 20% lighter version of the original color is **67.8346, 53.9467, 101.4452**, and **20.0239, 11.7972, 54.0450** is the 20% darker color. If you saturate the color by 10%, you get **37.4622, 22.5929, 96.9941**, and if you desaturate by 10%, it is **49.6636, 37.5484, 99.2377**.

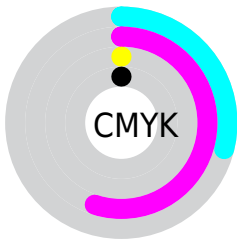
Distribution



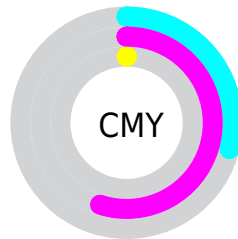
- Red (71%)
- Green (45%)
- Blue (100%)



- 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 43.0031, 29.1848, 97.9745 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 43.0031, 29.1848, 97.9745 by changing the saturation by 10% instead.


 43.0031, 29.1848,
97.9745

 43.0031, 29.1848,
97.9745


349.5458,
298.0859, 574.8701

 30.0821, 19.2207,
74.0026


 78.9712, 58.3706,
160.3984

 20.0493, 11.8298,
54.2994


 102.7490, 78.3610,
199.6875

 12.5393, 6.6279,
38.4463


 130.8765,
102.4623, 244.9194

 7.1869, 3.2305,
26.0247

163.7189,
131.0589, 296.5127

 3.6266, 1.2532,
16.6162

201.6417,
164.5351, 354.8858

 1.4932, 0.1045,
9.8022

245.0102,

 0.3212, 0.0000,

203.2755, 420.4574

5.1641

294.1898,
247.6643, 493.6460

■ 0.0000, 0.0000,
2.2834

■ 0.0000, 0.0000,
0.7219

■ 43.0031, 29.1848,
97.9745

■ 43.0031, 29.1848,
97.9745

■ 37.4622, 22.5929,
96.9941

■ 49.6636, 37.5484,
99.2377

■ 32.9605, 17.6286,
96.2732

■ 57.5095, 47.8057,
100.8041

■ 29.4104, 14.1295,
95.7849

■ 66.6048, 60.0711,
102.6922

■ 26.7043, 11.8952,
95.4963

■ 77.0075, 74.4491,
104.9191

■ 25.5751, 11.0993,
95.4022

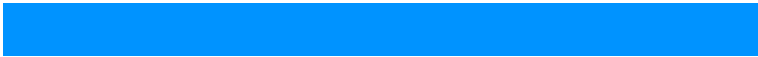
■ 88.7718, 91.0365,
107.5008

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.



31.6720, 29.1848, 128.0081



43.0031, 29.1848, 97.9745



51.2885, 29.1848, 54.6010

Triad

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



43.0031, 29.1848, 97.9745



34.8557, 29.1848, 2.5545



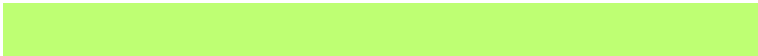
12.3481, 29.1848, 43.8088

Complementary

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



43.0031, 29.1848, 97.9745



60.0899, 83.7050, 29.2102

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.



12.7942, 29.1848, 16.4085



43.0031, 29.1848, 97.9745



24.1463, 29.1848, 2.1720

Square

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



43.0031, 29.1848, 97.9745



45.8298, 29.1848, 7.0930



16.5967, 29.1848, 5.1312



15.1728, 29.1848, 85.9691

Rectangle

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



43.0031, 29.1848, 97.9745



52.9790, 29.1848, 30.9645



16.5967, 29.1848, 5.1312



12.1429, 29.1848, 32.6042

Sweetspot

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



43.0042, 29.1858, 97.9746



75.7983, 72.7622, 104.6573



43.9706, 48.5649, 101.6642



15.7487, 14.9132, 22.2984



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.



43.0042, 29.1858, 97.9746



36.9180, 21.9702, 96.9026



62.8925, 39.4387, 98.9054



17.8047, 17.7910, 22.7456



13.5319, 5.8864, 49.8576



1.4421, 0.6373, 4.8603

Inverse Universe

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



56.6653, 37.2399, 52.9166



52.5457, 31.1966, 44.7733



46.8811, 76.8957, 28.5920



18.4162, 18.1498, 20.8089



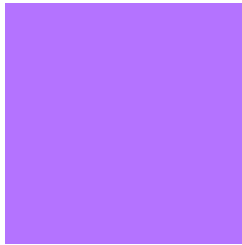
23.9696, 12.0771, 13.7563



2.3890, 1.1980, 1.6301

Previews

White Background



This preview shows how the XYZ color 43.0031, 29.1848, 97.9745 looks on a white background.

Color Contrast Check

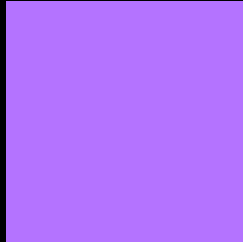
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.0031, 29.1848, 97.9745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

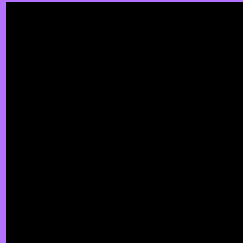
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 43.0031, 29.1848, 97.9745

Background



This preview shows how black text looks on a background with the XYZ color 43.0031, 29.1848, 97.9745.



This preview shows how white text looks on a background with the XYZ color 43.0031, 29.1848,

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

43.0031, 29.1848, 97.9745

Protanopia

32.8471, 29.6533, 98.6002

Deuteranopia

30.5137, 29.4936, 92.8915



Tritanopia

29.9726, 28.9267, 34.1407

Trichromacy



Original Color

43.0031, 29.1848, 97.9745

Protanomaly

35.1899, 28.5071, 98.2554

Deuteranomaly

33.1562, 28.1508, 94.9529

Tritanomaly

33.6940, 28.5451, 52.4491

Monochromacy



Original Color

43.0031, 29.1848, 97.9745

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

32.7207, 29.0992, 51.4691

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0031, 29.1848, 97.9745 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(180, 115, 255)` looks like.

```
.text, #text, p{  
    color:rgb(180, 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(180, 115, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 115, 255) }
```

Border

The CSS property to change the border of an element to XYZ 43.0031, 29.1848, 97.9745 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(180, 115, 255) }
```


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

```
.border{ border-color:rgb(180, 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(180, 115, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 115, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 115, 255);  
box-shadow:4px 4px 4px 4px rgb(180, 115,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0031, 29.1848, 97.9745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 115, 255) }
```

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

```
.background{ background-color: rgb(180,  
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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