

Converting Colors

XYZ(43.9174, 30.9982, 98.2763)

Have a look what the booklet for
XYZ(43.9174, 30.9982, 98.2763)
contains.

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Color

**XYZ(43.9553, 31.0892,
98.2919)**

Conversions

Conversions Part 1

Format	Color
Hex	B47BFF
RGB	180, 123, 255
RGB Percent	71%, 48%, 100%
CMY	0.2941, 0.5176, 0.0000
CMYK	0.29, 0.52, 0.00, 0.00
HSL	266°, 100%, 74%
HSV	266°, 52%, 100%
XYZ	43.9553, 31.0892, 98.2919
YIQ	155.0910, -8.4000, 53.1360

Conversions

Conversions Part 2

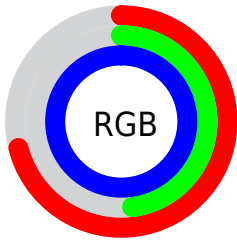
Format	Color
RYB	180, 123, 255
Decimal	11828223
CIELab	62.58, 47.94, -57.81
CIElCh	63, 75.097, 309.670
Yxy	31.0892, 0.2536, 0.1794
Android (android.graphics.Color)	4290018303 (0xFFB47BFF)
YUV	155.0910, 49.2551, 21.8452
Hunter-Lab	55.7577, 43.1404, -65.4884

Details

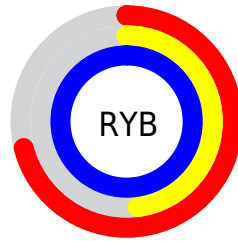
The XYZ color **43.9553, 31.0892, 98.2919** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **62.6240, 84.9559, 31.8373**, and the grayscale version is **30.9886, 32.6025, 35.5041**.

A 20% lighter version of the original color is **69.3687, 57.0150, 101.9566**, and **20.5638, 12.8769, 54.2250** is the 20% darker color. If you saturate the color by 10%, you get **37.9957, 23.9173, 97.2216**, and if you desaturate by 10%, it is **51.0935, 40.0924, 99.6534**.

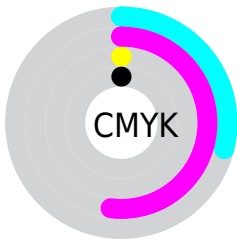
Distribution



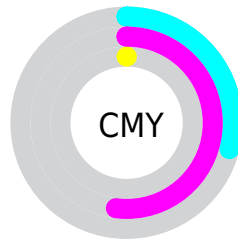
- Red (71%)
- Green (48%)
- Blue (100%)



- Red (71%)
- Yellow (48%)
- Blue (100%)



- Cyan (29%)
- Magenta (52%)
- Yellow (0%)
- Black (0%)





- Cyan (29%)
- Magenta (52%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.9553, 31.0892, 98.2919 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 43.9553, 31.0892, 98.2919 by changing the saturation by 10% instead.


 43.9553, 31.0892,
98.2919

 43.9553, 31.0892,
98.2919

353.3811,
306.9491, 575.9022


 30.8331, 20.6668,
74.2659


 80.3972, 61.3805,
160.8392

 20.6230, 12.8806,
54.5136


 104.4477, 82.0181,
200.1976

 12.9596, 7.3464,
38.6164


 132.8717,
106.8297, 245.5039

 7.4775, 3.6797,
26.1559

166.0345,
136.1994, 297.1765

 3.8115, 1.4960,
16.7135

204.3015,
170.5119, 355.6342

 1.5960, 0.2859,
9.8707

248.0380,

 0.3898, 0.0000,

210.1514, 421.2953

5.2088

297.6094,
255.5023, 494.5784

■ 0.0000, 0.0000,
2.3094

■ 0.0000, 0.0000,
0.7365

■ 43.9553, 31.0892,
98.2919

■ 43.9553, 31.0892,
98.2919

■ 37.9957, 23.9173,
97.2216

■ 51.0935, 40.0924,
99.6534

■ 33.1350, 18.4369,
96.4200

■ 59.4754, 51.0456,
101.3258

■ 29.2877, 14.4929,
95.8615

■ 69.1652, 64.0611,
103.3274

■ 26.3513, 11.8976,
95.5153

■ 80.2213, 79.2416,
105.6748

■ 24.4949, 10.5425,
95.3516

■ 92.6983, 96.6828,
108.3837

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.



32.9751, 31.0892, 125.1800



43.9553, 31.0892, 98.2919



52.0762, 31.0892, 57.4147

Triad

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



43.9553, 31.0892, 98.2919



36.9173, 31.0892, 3.7496



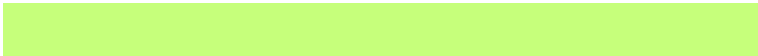
14.1005, 31.0892, 44.2131

Complementary

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



43.9553, 31.0892, 98.2919



62.6240, 84.9559, 31.8373

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.



14.6856, 31.0892, 17.8189



43.9553, 31.0892, 98.2919



26.3695, 31.0892, 3.1593

Square

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



43.9553, 31.0892, 98.2919



47.4065, 31.0892, 9.1330



18.6948, 31.0892, 6.3803



16.8558, 31.0892, 83.9963

Rectangle

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



43.9553, 31.0892, 98.2919



53.8826, 31.0892, 34.1763



18.6948, 31.0892, 6.3803



13.9309, 31.0892, 33.5275

Sweetspot

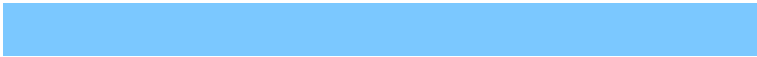
The Sweet Spot groups the original color and five complimentary colors.



43.9564, 31.0903, 98.2920



75.3671, 72.5399, 104.6371



46.8734, 52.7403, 102.3171



15.6462, 14.8604, 22.2936



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.



43.9564, 31.0903, 98.2920



37.8684, 23.7687, 97.1997



62.4416, 40.6198, 99.1571



17.7470, 17.7613, 22.7429



12.9625, 5.5929, 49.8309



1.3844, 0.6076, 4.8576

Inverse Universe

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



58.5163, 39.5038, 57.9668



54.4460, 33.3671, 50.4319



49.1673, 78.0187, 31.2076



18.4418, 18.1600, 20.9437



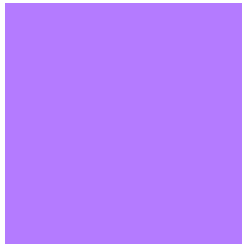
24.2910, 12.2057, 15.4486



2.4200, 1.2104, 1.7929

Previews

White Background



This preview shows how the XYZ color 43.9553, 31.0892, 98.2919 looks on a white background.

Color Contrast Check

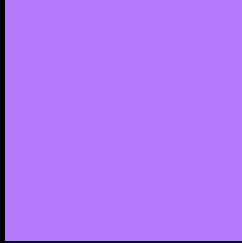
Large Text (above 18pt) WCAG AA × Fail

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 43.9553, 31.0892, 98.2919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

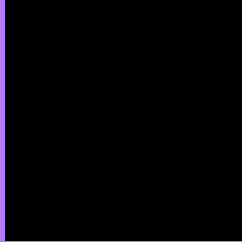
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.9553, 31.0892, 98.2919

Background



This preview shows how black text looks on a background with the XYZ color 43.9553, 31.0892, 98.2919.

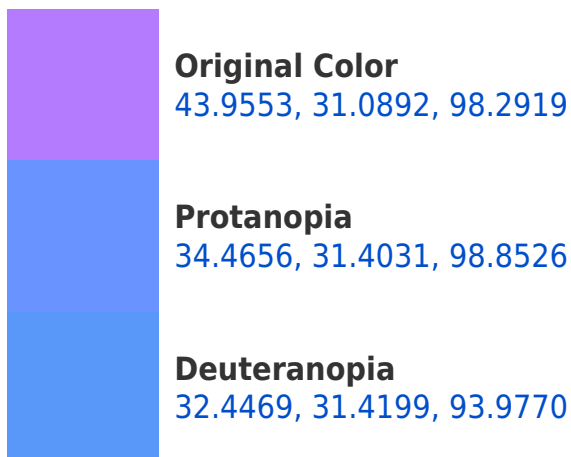


This preview shows how white text looks on a background with the XYZ color 43.9553, 31.0892,

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

31.5056, 31.0174, 36.6742

Trichromacy



Original Color

43.9553, 31.0892, 98.2919

Protanomaly

36.7983, 30.5908, 98.5729

Deuteranomaly

34.9635, 30.1524, 95.2440

Tritanomaly

35.0763, 30.4622, 54.4832

Monochromacy



Original Color

43.9553, 31.0892, 98.2919

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

34.5363, 31.2990, 53.5113

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.9553, 31.0892, 98.2919 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, 123, 255)` looks like.

```
.text, #text, p{  
    color:rgb(180, 123, 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, 123, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 123, 255) }
```

Border

The CSS property to change the border of an element to XYZ 43.9553, 31.0892, 98.2919 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, 123, 255) }
```


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

```
.border{ border-color:rgb(180, 123, 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, 123, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 123, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 123, 255);  
box-shadow:4px 4px 4px 4px rgb(180, 123,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 43.9553, 31.0892, 98.2919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 123, 255) }
```

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

```
.background{ background-color: rgb(180,  
123, 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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