

Converting Colors

XYZ(43.6618, 30.6710, 96.8217)

Have a look what the booklet for
XYZ(43.6618, 30.6710, 96.8217)
contains.

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Color

**XYZ(43.6231, 30.5904,
96.5338)**

Conversions

Conversions Part 1

Format	Color
Hex	B579FD
RGB	181, 121, 253
RGB Percent	71%, 47%, 99%
CMY	0.2902, 0.5255, 0.0078
CMYK	0.28, 0.52, 0.00, 0.01
HSL	267°, 97%, 73%
HSV	267°, 52%, 99%
XYZ	43.6231, 30.5904, 96.5338
YIQ	153.9880, -6.6120, 53.7720

Conversions

Conversions Part 2

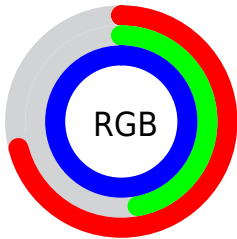
Format	Color
RYB	181, 121, 253
Decimal	11893245
CIELab	62.16, 48.78, -57.37
CIElCh	62, 75.311, 310.374
Yxy	30.5904, 0.2555, 0.1792
Android (android.graphics.Color)	4290083325 (0xFFB579FD)
YUV	153.9880, 48.8129, 23.6895
Hunter-Lab	55.3086, 43.9968, -64.7668

Details

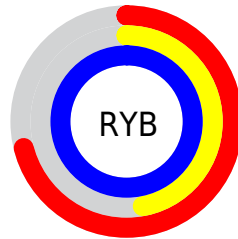
The XYZ color **43.6231, 30.5904, 96.5338** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **60.5692, 82.9690, 30.9124**, and the grayscale version is **30.5059, 32.0946, 34.9510**.

A 20% lighter version of the original color is **69.3152, 56.4052, 101.8417**, and **20.4661, 12.6509, 53.5877** is the 20% darker color. If you saturate the color by 10%, you get **37.8650, 23.6412, 95.4965**, and if you desaturate by 10%, it is **50.5103, 39.3191, 97.8562**.

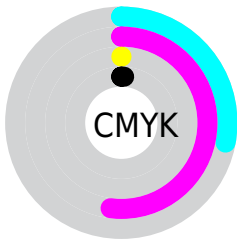
Distribution



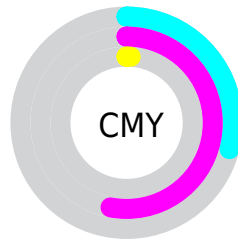
- Red (71%)
- Green (47%)
- Blue (99%)



- Red (71%)
- Yellow (47%)
- Blue (99%)



- Cyan (28%)
- Magenta (52%)
- Yellow (0%)
- Black (1%)



- Cyan (29%)
- Magenta (53%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.6231, 30.5904, 96.5338 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 43.6231, 30.5904, 96.5338 by changing the saturation by 10% instead.

43.6231, 30.5904,
96.5338

43.6231, 30.5904,
96.5338

352.0463,
304.6468, 570.1730

30.5709, 20.2872,
72.8083

79.9002, 60.5946,
158.3957

20.4226, 12.6039,
53.3284

103.8558, 81.0644,
197.3691

12.8126, 7.1564,
37.6754

132.1766,
105.6918, 242.2623

7.3758, 3.5601,
25.4310

165.2280,
134.8612, 293.4937

3.7466, 1.4307,
16.1765

203.3753,
168.9570, 351.4820

1.5598, 0.2392,
9.4934

246.9839,

0.3660, 0.0000,

208.3636, 416.6456

4.9632

296.4191,
253.4654, 489.4031

■ 0.0000, 0.0000,
2.1673

■ 0.0000, 0.0000,
0.6554

■ 43.6231, 30.5904,
96.5338

■ 43.6231, 30.5904,
96.5338

■ 37.8650, 23.6412,
95.4965

■ 50.5103, 39.3191,
97.8562

■ 33.1584, 18.3345,
94.7203

■ 58.5891, 49.9436,
99.4811

■ 29.4207, 14.5177,
94.1806

■ 67.9217, 62.5737,
101.4271

■ 26.5518, 12.0060,
93.8470

■ 78.5644, 77.3100,
103.7106

■ 24.8004, 10.7370,
93.6943

■ 90.5697, 94.2461,
106.3468

■ 94.7297, 99.8719,
107.2134

Harmonies

Analogous

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



32.7296, 30.5904, 123.9663



43.6231, 30.5904, 96.5338



51.5794, 30.5904, 55.8054

Triad

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



43.6231, 30.5904, 96.5338



36.1286, 30.5904, 3.5385



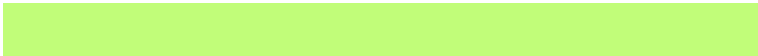
13.8037, 30.5904, 44.4090

Complementary

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



43.6231, 30.5904, 96.5338



60.5692, 82.9690, 30.9124

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.



14.3051, 30.5904, 17.8517



43.6231, 30.5904, 96.5338



25.7036, 30.5904, 3.0409

Square

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



43.6231, 30.5904, 96.5338



46.6034, 30.5904, 8.6495



18.1853, 30.5904, 6.3072



16.6067, 30.5904, 84.1560

Rectangle

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



43.6231, 30.5904, 96.5338



53.2567, 30.5904, 32.9448



18.1853, 30.5904, 6.3072



13.6109, 30.5904, 33.6733

Sweetspot

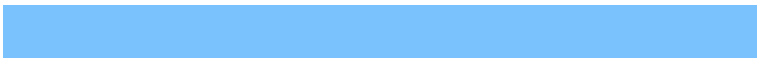
The Sweet Spot groups the original color and five complimentary colors.



43.6243, 30.5916, 96.5345



75.6686, 72.6953, 104.6512



44.8186, 49.5636, 100.1335



15.7179, 14.8973, 22.2970



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.



43.6243, 30.5916, 96.5345



38.0995, 23.5442, 97.1442



62.7142, 40.4327, 97.4279



17.7873, 17.7821, 22.7447



13.3558, 5.7957, 49.8493



1.4244, 0.6282, 4.8595

Inverse Universe

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



56.9716, 38.4085, 54.8630



53.7148, 32.7042, 47.7241



47.4193, 76.1900, 30.2970



18.4239, 18.1529, 20.8493



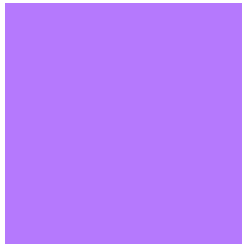
24.0636, 12.1147, 14.2511



2.3981, 1.2016, 1.6780

Previews

White Background



This preview shows how the XYZ color 43.6231, 30.5904, 96.5338 looks on a white background.

Color Contrast Check

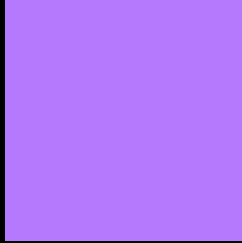
Large Text (above 18pt) WCAG AA × Fail

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 43.6231, 30.5904, 96.5338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

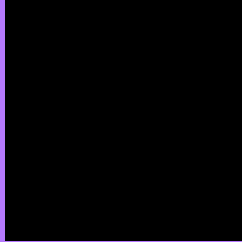
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.6231, 30.5904, 96.5338

Background



This preview shows how black text looks on a background with the XYZ color 43.6231, 30.5904, 96.5338.

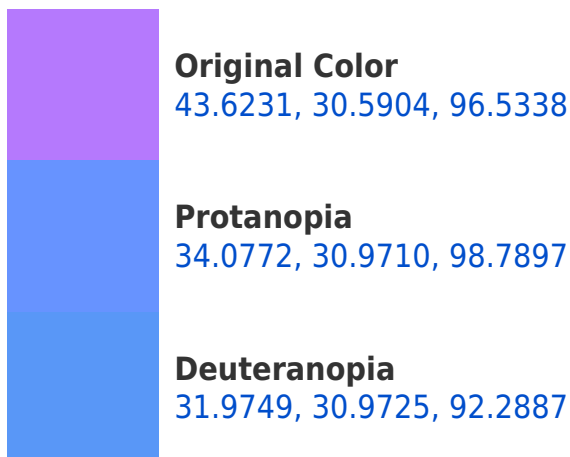


This preview shows how white text looks on a background with the XYZ color 43.6231, 30.5904,

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

31.2304, 30.4376, 35.6815

Trichromacy



Original Color

43.6231, 30.5904, 96.5338



Protanomaly

36.3379, 30.1580, 97.6718



Deuteranomaly

34.5030, 29.7333, 93.5431



Tritanomaly

34.7857, 29.9160, 53.2312

Monochromacy



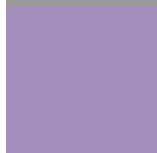
Original Color

43.6231, 30.5904, 96.5338



Achromatopsia

30.7148, 32.3143, 35.1903



Achromatomaly

34.2771, 30.9562, 52.8837

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6231, 30.5904, 96.5338 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, 121, 253)` looks like.

```
.text, #text, p{  
    color:rgb(181, 121, 253)  
}
```

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, 121, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 121, 253) }
```

Border

The CSS property to change the border of an element to XYZ 43.6231, 30.5904, 96.5338 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, 121, 253) }
```


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

```
.border{ border-color:rgb(181, 121, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 121, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 121, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 121, 253);  
box-shadow:4px 4px 4px 4px rgb(181, 121,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6231, 30.5904, 96.5338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 121, 253) }
```

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

```
.background{ background-color: rgb(181,  
121, 253) }
```

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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