

Converting Colors

XYZ(43.5577, 30.7280, 80.3203)

Have a look what the booklet for
XYZ(43.5577, 30.7280, 80.3203)
contains.

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Color

**XYZ(43.5301, 30.7285,
79.9808)**

Conversions

Conversions Part 1

Format	Color
Hex	C278E8
RGB	194, 120, 232
RGB Percent	76%, 47%, 91%
CMY	0.2392, 0.5294, 0.0902
CMYK	0.16, 0.48, 0.00, 0.09
HSL	280°, 71%, 69%
HSV	280°, 48%, 91%
XYZ	43.5301, 30.7285, 79.9808
YIQ	154.8940, 8.1520, 50.5200

Conversions

Conversions Part 2

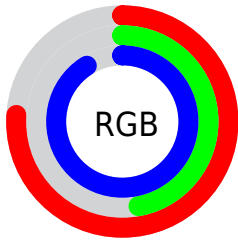
Format	Color
RYB	194, 120, 232
Decimal	12744936
CIELab	62.28, 48.00, -45.49
CIElCh	62, 66.137, 316.537
Yxy	30.7285, 0.2822, 0.1992
Android (android.graphics.Color)	4290935016 (0xFFC278E8)
YUV	154.8940, 38.0133, 34.2960
Hunter-Lab	55.4333, 43.1624, -46.7421

Details

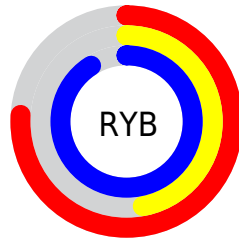
The XYZ color **43.5301, 30.7285, 79.9808** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **46.3482, 66.3391, 28.1325**, and the grayscale version is **30.9448, 32.5563, 35.4538**.

A 20% lighter version of the original color is **73.3309, 58.1876, 101.9741**, and **20.3848, 12.6721, 42.4459** is the 20% darker color. If you saturate the color by 10%, you get **39.1037, 24.7949, 79.0693**, and if you desaturate by 10%, it is **48.7416, 38.0714, 81.1239**.

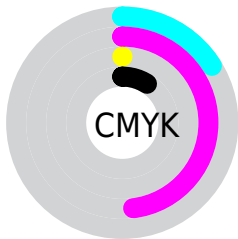
Distribution



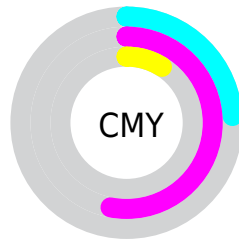
- Red (76%)
- Green (47%)
- Blue (91%)



- Red (76%)
- Yellow (47%)
- Blue (91%)



- Cyan (16%)
- Magenta (48%)
- Yellow (0%)
- Black (9%)



- Cyan (24%)
- Magenta (53%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.5301, 30.7285, 79.9808 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 43.5301, 30.7285, 79.9808 by changing the saturation by 10% instead.

43.5301, 30.7285,
79.9808

43.5301, 30.7285,
79.9808

351.6720,
305.2856, 514.5732

30.4976, 20.3922,
59.1765

79.7609, 60.8124,
135.1499

20.3665, 12.6805,
42.3343

103.6899, 81.3287,
170.3517

12.7716, 7.2089,
29.0356

131.9818,
106.0072, 211.1899

7.3473, 3.5931,
18.8619

165.0020,
135.2322, 258.0828

3.7285, 1.4486,
11.3948

203.1157,
169.3882, 311.4490

1.5497, 0.2522,
6.2155

246.6884,

0.3593, 0.0000,

208.8595, 371.7071

2.9057

296.0853,
254.0305, 439.2757

■ 0.0000, 0.0000,
1.0467

■ 0.0000, 0.0000,
0.0000

■ 43.5301, 30.7285,
79.9808

■ 43.5301, 30.7285,
79.9808

■ 39.1037, 24.7949,
79.0693

■ 48.7416, 38.0714,
81.1239

■ 35.4077, 20.1668,
78.3708

■ 54.7812, 46.9100,
82.5117

■ 32.3851, 16.7315,
77.8670

■ 61.6922, 57.3282,
84.1583

■ 29.9677, 14.3551,
77.5357

■ 69.5142, 69.4023,
86.0766

■ 28.0587, 12.8467,
77.3452

■ 78.2839, 83.2037,
88.2783

■ 27.7567, 12.6265,
77.3186

■ 86.6799, 96.0876,
90.3226

■ 89.4288, 97.5047,
90.4513

■ 91.5656, 98.6062,
90.5513

Harmonies

Analogous

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



34.3730, 30.7285, 106.2310



43.5301, 30.7285, 79.9808



49.2959, 30.7285, 46.2659

Triad

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



43.5301, 30.7285, 79.9808



33.3903, 30.7285, 4.7980



15.6421, 30.7285, 49.5024

Complementary

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



43.5301, 30.7285, 79.9808



46.3482, 66.3391, 28.1325

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.



15.4853, 30.7285, 23.2633



43.5301, 30.7285, 79.9808



24.5856, 30.7285, 4.9876

Square

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



43.5301, 30.7285, 79.9808



42.6855, 30.7285, 8.9495



18.4301, 30.7285, 9.7468



18.9136, 30.7285, 83.3635

Rectangle

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



43.5301, 30.7285, 79.9808



49.8084, 30.7285, 28.1648



18.4301, 30.7285, 9.7468



15.2505, 30.7285, 39.3762

Sweetspot

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



43.5312, 30.7298, 79.9815



80.3832, 77.0744, 105.2479



34.7449, 34.6857, 81.2081



16.7655, 15.8209, 22.4201



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.



43.5312, 30.7298, 79.9815



48.4454, 30.7099, 97.9820



52.2875, 35.5064, 68.5231



14.4953, 14.3576, 18.1516



15.5490, 7.0817, 42.9306



1.2473, 0.5740, 3.1770

Inverse Universe

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



46.1676, 33.0585, 36.2964



52.6178, 34.2401, 35.8594



41.1043, 63.5074, 33.6848



14.5777, 14.4483, 15.9768



19.3056, 9.8565, 5.2382



1.4688, 0.7452, 0.6093

Previews

White Background



This preview shows how the XYZ color 43.5301, 30.7285, 79.9808 looks on a white background.

Color Contrast Check

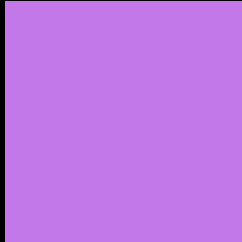
Large Text (above 18pt) WCAG AA × Fail

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 43.5301, 30.7285, 79.9808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

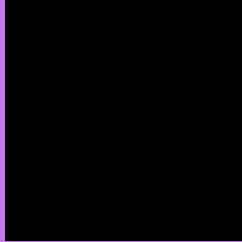
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.5301, 30.7285, 79.9808

Background



This preview shows how black text looks on a background with the XYZ color 43.5301, 30.7285, 79.9808.

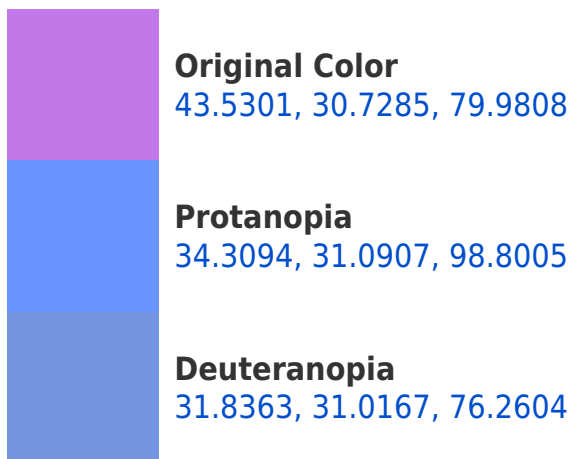


This preview shows how white text looks on a background with the XYZ color 43.5301, 30.7285,

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

33.7937, 30.4910, 32.9584

Trichromacy



Original Color

43.5301, 30.7285, 79.9808

Protanomaly

36.0507, 29.9251, 91.8717

Deuteranomaly

34.7378, 29.9960, 77.3577

Tritanomaly

36.7392, 30.2369, 47.0800

Monochromacy



Original Color

43.5301, 30.7285, 79.9808

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

34.5824, 31.1999, 48.9992

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5301, 30.7285, 79.9808 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(194, 120, 232)` looks like.

```
.text, #text, p{  
    color:rgb(194, 120, 232)  
}
```

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(194, 120, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 120, 232) }
```

Border

The CSS property to change the border of an element to XYZ 43.5301, 30.7285, 79.9808 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(194, 120, 232) }
```


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

```
.border{ border-color:rgb(194, 120, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 120, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 120, 232); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 120, 232); box-shadow:4px 4px 4px 4px rgb(194, 120, 232) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5301, 30.7285, 79.9808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 120, 232) }
```

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

```
.background{ background-color: rgb(194,  
120, 232) }
```

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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