

Converting Colors

XYZ(44.4851, 32.2426, 83.9996)

Have a look what the booklet for
XYZ(44.4851, 32.2426, 83.9996)
contains.

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Color

**XYZ(44.4851, 32.2426,
83.9996)**

Conversions

Conversions Part 1

Format	Color
Hex	C07EED
RGB	192, 126, 237
RGB Percent	75%, 49%, 93%
CMY	0.2471, 0.5059, 0.0706
CMYK	0.19, 0.47, 0.00, 0.07
HSL	276°, 76%, 71%
HSV	276°, 47%, 93%
XYZ	44.4851, 32.2426, 83.9996
YIQ	158.3880, 3.7050, 48.5130

Conversions

Conversions Part 2

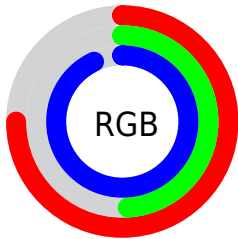
Format	Color
RYB	192, 126, 237
Decimal	12615405
CIELab	63.54, 45.35, -46.29
CIElCh	64, 64.799, 314.414
Yxy	32.2426, 0.2768, 0.2006
Android (android.graphics.Color)	4290805485 (0xFFC07EED)
YUV	158.3880, 38.7557, 29.4777
Hunter-Lab	56.7826, 40.4726, -47.9611

Details

The XYZ color **44.4851, 32.2426, 83.9996** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **50.8456, 70.7334, 30.7130**, and the grayscale version is **32.5049, 34.1976, 37.2412**.

A 20% lighter version of the original color is **73.7956, 60.1865, 102.3354**, and **21.0099, 13.6026, 45.2343** is the 20% darker color. If you saturate the color by 10%, you get **39.4521, 25.6702, 82.9968**, and if you desaturate by 10%, it is **50.3971, 40.3350, 85.2505**.

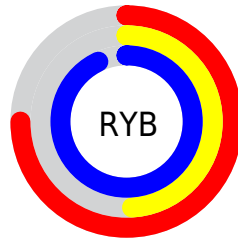
Distribution



Red (75%)

Green (49%)

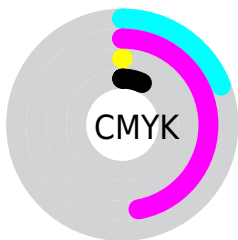
Blue (93%)



Red (75%)

Yellow (49%)

Blue (93%)

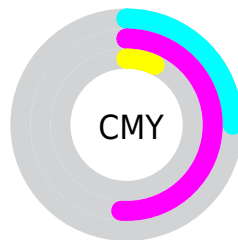


Cyan (19%)

Magenta (47%)

Yellow (0%)

Black (7%)



Cyan (25%)


Magenta (51%)

Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.4851, 32.2426, 83.9996 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 44.4851, 32.2426, 83.9996 by changing the saturation by 10% instead.


 44.4851, 32.2426,
83.9996


 44.4851, 32.2426,
83.9996

355.5031,
312.2229, 528.3699


 31.2516, 21.5469,
62.4697

 81.1890, 63.1912,
140.8363

 20.9433, 13.5243,
44.9741


 105.3902, 84.2129,
176.9803

 13.1948, 7.7906,
31.0942

 133.9779,
109.4453, 218.8326

 7.6407, 3.9612,
20.4115

167.3176,
139.2729, 266.8120

 3.9158, 1.6519,
12.5075

205.7746,
174.0801, 321.3369

 1.6546, 0.3922,
6.9636

249.7143,

 0.4276, 0.0000,

214.2512, 382.8258

3.3612

299.5020,
260.1707, 451.6973

■ 0.0000, 0.0000,
1.2819

■ 0.0000, 0.0000,
0.0469

■ 44.4851, 32.2426,
83.9996

■ 44.4851, 32.2426,
83.9996

■ 39.4521, 25.6702,
82.9968

■ 50.3971, 40.3350,
85.2505

■ 35.2400, 20.5093,
82.2227

■ 57.2339, 50.0379,
86.7630

■ 31.7885, 16.6430,
81.6583

■ 65.0420, 61.4391,
88.5522

■ 29.0262, 13.9330,
81.2808

■ 73.8637, 74.6189,
90.6312

■ 26.8625, 12.2032,
81.0610

■ 83.7384, 89.6524,
93.0125

■ 26.2571, 11.7702,
81.0093

■ 90.3454, 97.8940,
94.2550

■ 92.2862, 98.8945,
94.3459

Harmonies

Analogous

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



35.1775, 32.2426, 108.7238



44.4851, 32.2426, 83.9996



50.6143, 32.2426, 50.2470

Triad

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



44.4851, 32.2426, 83.9996



35.5555, 32.2426, 5.6793



16.7092, 32.2426, 49.0077

Complementary

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



44.4851, 32.2426, 83.9996



50.8456, 70.7334, 30.7130

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.



16.7708, 32.2426, 23.3614



44.4851, 32.2426, 83.9996



26.5207, 32.2426, 5.6014

Square

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



44.4851, 32.2426, 83.9996



44.8083, 32.2426, 10.5273



20.0229, 32.2426, 10.2079



19.8341, 32.2426, 82.7176

Rectangle

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



44.4851, 32.2426, 83.9996



51.4395, 32.2426, 31.4148



20.0229, 32.2426, 10.2079



16.3808, 32.2426, 39.0772

Sweetspot

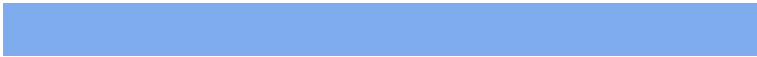
The Sweet Spot groups the original color and five complimentary colors.



44.4863, 32.2439, 84.0003



79.5743, 76.6574, 105.2101



38.6915, 40.1516, 85.8321



16.5679, 15.7191, 22.4108



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.



44.4863, 32.2439, 84.0003



46.9206, 30.7375, 98.0677



56.3557, 38.5149, 77.6815



15.0900, 14.9917, 19.0206



14.4877, 6.5046, 44.2349



1.2461, 0.5667, 3.4786

Inverse Universe

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



49.7375, 35.8677, 42.8309



54.3206, 35.7983, 42.1224



43.2802, 66.7611, 33.6205



15.3186, 15.1553, 16.9628



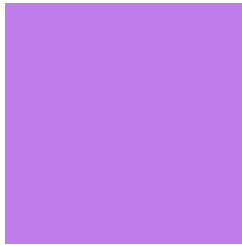
20.2836, 10.3161, 7.2949



1.6393, 0.8287, 0.8180

Previews

White Background



This preview shows how the XYZ color 44.4851, 32.2426, 83.9996 looks on a white background.

Color Contrast Check

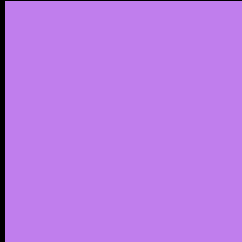
Large Text (above 18pt) WCAG AA × Fail

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 44.4851, 32.2426, 83.9996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

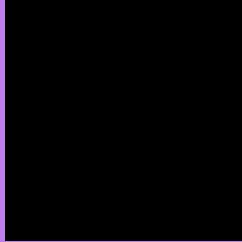
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.4851, 32.2426, 83.9996

Background



This preview shows how black text looks on a background with the XYZ color 44.4851, 32.2426, 83.9996.

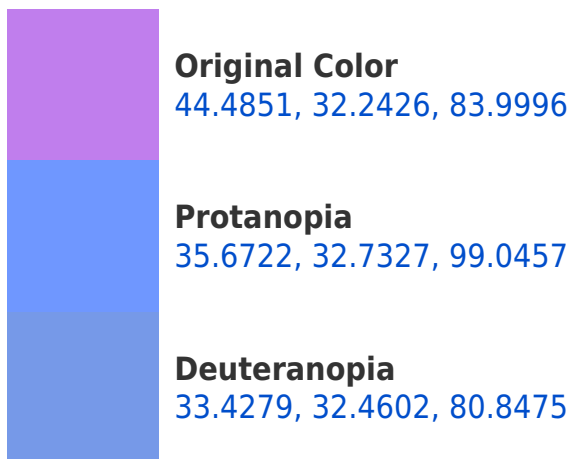


This preview shows how white text looks on a background with the XYZ color 44.4851, 32.2426,

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

34.7166, 32.2348, 35.8447

Trichromacy



Original Color

44.4851, 32.2426, 83.9996



Protanomaly

37.4315, 31.6988, 92.9526



Deuteranomaly

36.3508, 31.6052, 82.0264



Tritanomaly

37.6126, 31.8701, 50.0681

Monochromacy



Original Color

44.4851, 32.2426, 83.9996



Achromatopsia

32.4990, 34.1914, 37.2345



Achromatomaly

35.8261, 32.6917, 51.4356

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4851, 32.2426, 83.9996 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(192, 126, 237)` looks like.

```
.text, #text, p{  
    color:rgb(192, 126, 237)  
}
```

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(192, 126, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 126, 237) }
```

Border

The CSS property to change the border of an element to XYZ 44.4851, 32.2426, 83.9996 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(192, 126, 237) }
```


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

```
.border{ border-color:rgb(192, 126, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 126, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 126, 237); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 126, 237); box-shadow:4px 4px 4px 4px rgb(192, 126, 237) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4851, 32.2426, 83.9996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 126, 237) }
```

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

```
.background{ background-color: rgb(192,  
126, 237) }
```

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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