

Converting Colors

XYZ(44.5506, 32.9212, 81.0971)

Have a look what the booklet for
XYZ(44.5506, 32.9212, 81.0971)
contains.

XYZ(44.5506, 32.9212, 81.0971)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(44.5506, 32.9212,
81.0971)**

Conversions

Conversions Part 1

Format	Color
Hex	C181E9
RGB	193, 129, 233
RGB Percent	76%, 51%, 91%
CMY	0.2431, 0.4941, 0.0863
CMYK	0.17, 0.45, 0.00, 0.09
HSL	277°, 70%, 71%
HSV	277°, 45%, 91%
XYZ	44.5506, 32.9212, 81.0971
YIQ	159.9920, 4.7600, 45.9120

Conversions

Conversions Part 2

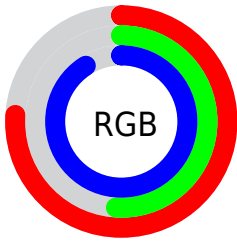
Format	Color
R _Y B	193, 129, 233
Decimal	12681705
CIE Lab	64.10, 43.15, -43.19
CIE LCh	64, 61.054, 314.971
Yxy	32.9212, 0.2810, 0.2076
Android (android.graphics.Color)	4290871785 (0xFFC181E9)
YUV	159.9920, 35.9929, 28.9480
Hunter-Lab	57.3770, 38.1873, -43.6371

Details

The XYZ color **44.5506, 32.9212, 81.0971** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **49.4644, 68.2985, 31.3461**, and the grayscale version is **33.2489, 34.9805, 38.0937**.

A 20% lighter version of the original color is **74.7671, 61.5962, 102.5563**, and **20.9767, 13.9415, 43.1803** is the 20% darker color. If you saturate the color by 10%, you get **39.6086, 26.3258, 80.0851**, and if you desaturate by 10%, it is **50.3331, 40.9900, 82.3503**.

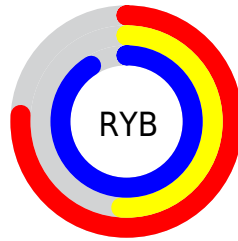
Distribution



Red (76%)

Green (51%)

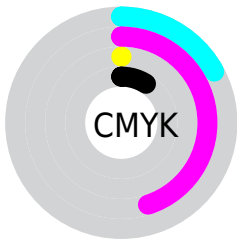
Blue (91%)



Red (76%)

Yellow (51%)

Blue (91%)

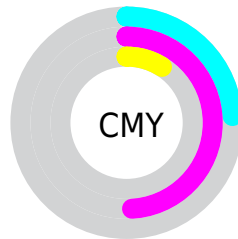


Cyan (17%)

Magenta (45%)

Yellow (0%)

Black (9%)



Cyan (24%)

Magenta (49%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.5506, 32.9212, 81.0971 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 44.5506, 32.9212, 81.0971 by changing the saturation by 10% instead.

44.5506, 32.9212,
81.0971

44.5506, 32.9212,
81.0971

355.7648,
315.2945, 518.4264

31.3034, 22.0661,
60.0901

81.2869, 64.2525,
136.7324

20.9829, 13.9055,
43.0655

105.5066, 85.4974,
172.1978

13.2239, 8.0549,
29.6047

134.1145,
110.9745, 213.3197

7.6610, 4.1301,
19.2893

167.4760,
141.0680, 260.5167

3.9288, 1.7466,
11.7005

205.9565,
176.1623, 314.2074

1.6619, 0.4536,
6.4201

249.9212,

0.4322, 0.0000,

216.6419, 374.8102

3.0293

299.7355,
262.8912, 442.7437

■ 0.0000, 0.0000,
1.1096

■ 0.0000, 0.0000,
0.0000

■ 44.5506, 32.9212,
81.0971

■ 44.5506, 32.9212,
81.0971

■ 39.6086, 26.3258,
80.0851

■ 50.3331, 40.9900,
82.3503

■ 35.4530, 21.1021,
79.2958

■ 56.9985, 50.6167,
83.8571

■ 32.0281, 17.1416,
78.7119

■ 64.5904, 61.8839,
85.6318

■ 29.2683, 14.3170,
78.3121

■ 73.1483, 74.8673,
87.6868

■ 27.0939, 12.4727,
78.0708

■ 82.7092, 89.6377,
90.0339

■ 26.1028, 11.7574,
77.9849

■ 88.7452, 97.1358,
91.1630

■ 91.7081, 98.6632,
91.3017

Harmonies

Analogous

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



35.7780, 32.9212, 104.1836



44.5506, 32.9212, 81.0971



50.2176, 32.9212, 49.6408

Triad

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



44.5506, 32.9212, 81.0971



35.7956, 32.9212, 6.7442



17.8373, 32.9212, 49.5838

Complementary

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



44.5506, 32.9212, 81.0971



49.4644, 68.2985, 31.3461

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.



17.8402, 32.9212, 24.8769



44.5506, 32.9212, 81.0971



27.1950, 32.9212, 6.7402

Square

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



44.5506, 32.9212, 81.0971



44.5655, 32.9212, 11.6501



20.9634, 32.9212, 11.6342



20.9544, 32.9212, 81.0392

Rectangle

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



44.5506, 32.9212, 81.0971



50.9135, 32.9212, 31.8815



20.9634, 32.9212, 11.6342



17.4950, 32.9212, 40.1254

Sweetspot

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



44.5518, 32.9225, 81.0978



80.8353, 78.3045, 105.4615



38.2499, 39.5266, 82.7047



16.8294, 16.0500, 22.4609



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.



44.5518, 32.9225, 81.0978



48.8141, 32.5746, 98.3225



54.7208, 38.3315, 74.0449



15.1213, 15.0078, 19.0221



14.9537, 6.7448, 44.2567



1.2811, 0.5847, 3.4802

Inverse Universe

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



48.6169, 35.8899, 41.9022



54.9167, 36.9648, 42.4001



42.8827, 64.8215, 34.8326



15.3052, 15.1499, 16.8927



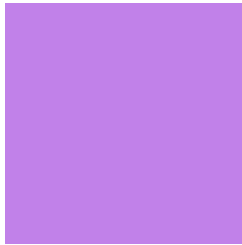
20.1617, 10.2674, 6.6530



1.6289, 0.8245, 0.7633

Previews

White Background



This preview shows how the XYZ color 44.5506, 32.9212, 81.0971 looks on a white background.

Color Contrast Check

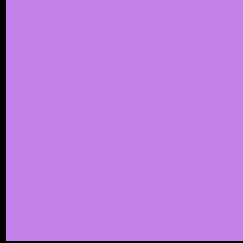
Large Text (above 18pt) WCAG AA × Fail

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 44.5506, 32.9212, 81.0971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

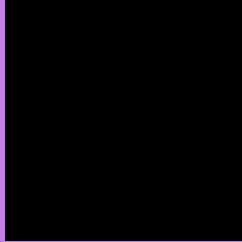
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.5506, 32.9212, 81.0971

Background



This preview shows how black text looks on a background with the XYZ color 44.5506, 32.9212, 81.0971.

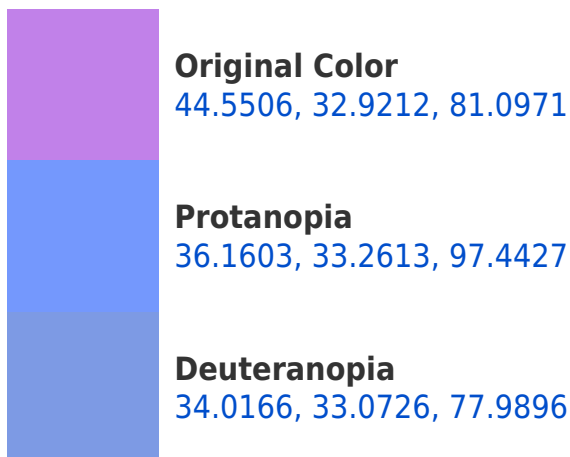


This preview shows how white text looks on a background with the XYZ color 44.5506, 32.9212,

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

35.4207, 32.8158, 36.3655

Trichromacy



Original Color

44.5506, 32.9212, 81.0971



Protanomaly

38.1094, 32.5296, 91.4590



Deuteranomaly

36.9860, 32.4480, 79.1766



Tritanomaly

38.1426, 32.5732, 50.1759

Monochromacy



Original Color

44.5506, 32.9212, 81.0971



Achromatopsia

33.4132, 35.1533, 38.2819



Achromatomaly

36.7303, 33.8534, 51.6122

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.5506, 32.9212, 81.0971 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(193, 129, 233)` looks like.

```
.text, #text, p{  
    color:rgb(193, 129, 233)  
}
```

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(193, 129, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 129, 233) }
```

Border

The CSS property to change the border of an element to XYZ 44.5506, 32.9212, 81.0971 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(193, 129, 233) }
```


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

```
.border{ border-color:rgb(193, 129, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 129, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 129, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 129, 233);  
box-shadow:4px 4px 4px 4px rgb(193, 129,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 44.5506, 32.9212, 81.0971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 129, 233) }
```

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

```
.background{ background-color: rgb(193,  
129, 233) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor