

Converting Colors

XYZ(44.3403, 35.2297, 82.7576)

Have a look what the booklet for
XYZ(44.3403, 35.2297, 82.7576)
contains.

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Color

**XYZ(44.5279, 35.3622,
83.0760)**

Conversions

Conversions Part 1

Format	Color
Hex	B98DEB
RGB	185, 141, 235
RGB Percent	73%, 55%, 92%
CMY	0.2745, 0.4470, 0.0784
CMYK	0.21, 0.40, 0.00, 0.08
HSL	268°, 70%, 74%
HSV	268°, 40%, 92%
XYZ	44.5279, 35.3622, 83.0760
YIQ	164.8720, -3.9500, 38.5620

Conversions

Conversions Part 2

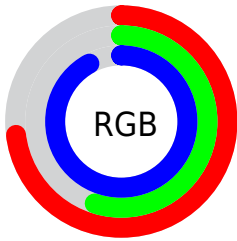
Format	Color
RYB	185, 141, 235
Decimal	12160491
CIELab	66.03, 34.75, -41.32
CIElCh	66, 53.996, 310.064
Yxy	35.3622, 0.2732, 0.2170
Android (android.graphics.Color)	4290350571 (0xFFB98DEB)
YUV	164.8720, 34.5731, 17.6523
Hunter-Lab	59.4661, 29.5941, -41.2037

Details

The XYZ color **44.5279, 35.3622, 83.0760** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **56.0028, 72.4169, 36.2268**, and the grayscale version is **35.5450, 37.3961, 40.7243**.

A 20% lighter version of the original color is **74.1831, 65.1275, 103.2687**, and **20.9988, 15.3128, 44.4967** is the 20% darker color. If you saturate the color by 10%, you get **38.5395, 27.6661, 81.9067**, and if you desaturate by 10%, it is **51.5191, 44.6680, 84.5043**.

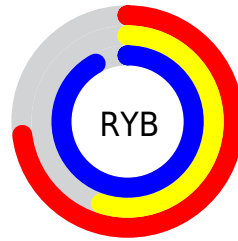
Distribution



Red (73%)

Green (55%)

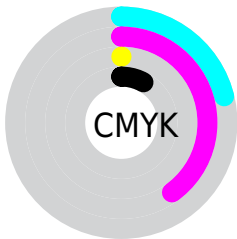
Blue (92%)



Red (73%)

Yellow (55%)

Blue (92%)

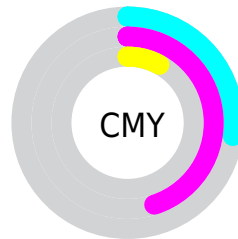


Cyan (21%)

Magenta (40%)

Yellow (0%)

Black (8%)



Cyan (27%)

Magenta (45%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.5279, 35.3622, 83.0760 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 44.5279, 35.3622, 83.0760 by changing the saturation by 10% instead.

44.5279, 35.3622,
83.0760

44.5279, 35.3622,
83.0760

355.6741,
326.1642, 525.2174

31.2854, 23.9420,
61.7119

81.2530, 68.0465,
139.5321

20.9692, 15.2906,
44.3656

105.4662, 90.0794,
175.4611

13.2138, 9.0236,
30.6188

134.0672,
116.4187, 217.0822

7.6540, 4.7566,
20.0527

167.4211,
147.4487, 264.8139

3.9243, 2.1052,
12.2489

205.8935,
183.5538, 319.0747

1.6594, 0.6675,
6.7888

249.8495,

0.4306, 0.0000,

225.1185, 380.2832

3.2539

299.6546,
272.5272, 448.8579

■ 0.0000, 0.0000,
1.2257

■ 0.0000, 0.0000,
0.0000

■ 44.5279, 35.3622,
83.0760

■ 44.5279, 35.3622,
83.0760

■ 38.5395, 27.6661,
81.9067

■ 51.5191, 44.6680,
84.5043

■ 33.4963, 21.4781,
80.9781

■ 59.5586, 55.6682,
86.2038

■ 29.3403, 16.6914,
80.2732

■ 68.6935, 68.4465,
88.1888

■ 26.0044, 13.1827,
79.7718

■ 78.9667, 83.0796,
90.4719

■ 23.4095, 10.8056,
79.4498

■ 89.2907, 97.3838,
92.6887

■ 21.4264, 9.3135,
79.2663

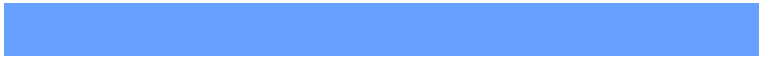
■ 91.9955, 98.7782,
92.8153

■ 21.4262, 9.3133,
79.2663

Harmonies

Analogous

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



36.3740, 35.3622, 100.2922



44.5279, 35.3622, 83.0760



50.2639, 35.3622, 55.5823

Triad

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



44.5279, 35.3622, 83.0760



39.1392, 35.3622, 10.1454



20.6147, 35.3622, 46.7355

Complementary

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



44.5279, 35.3622, 83.0760



56.0028, 72.4169, 36.2268

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.



21.1138, 35.3622, 25.3393



44.5279, 35.3622, 83.0760



30.9910, 35.3622, 9.3594

Square

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



44.5279, 35.3622, 83.0760



46.8264, 35.3622, 16.5225



24.6419, 35.3622, 13.6538



23.1497, 35.3622, 74.4344

Rectangle

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



44.5279, 35.3622, 83.0760



51.4803, 35.3622, 38.4541



24.6419, 35.3622, 13.6538



20.4442, 35.3622, 38.5528

Sweetspot

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



44.5292, 35.3636, 83.0768



80.3166, 79.0492, 105.6326



44.6410, 48.9819, 85.6995



16.8736, 16.4738, 22.5404



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.



44.5292, 35.3636, 83.0768



47.5917, 34.8193, 98.8202



57.7566, 42.1826, 83.6958



14.9016, 14.8945, 19.0118



12.0691, 5.2578, 44.1217



1.0579, 0.4696, 3.4698

Inverse Universe

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



53.1907, 40.4747, 54.3000



59.7320, 41.9894, 58.2048



46.0420, 67.2819, 35.7607



15.4003, 15.1880, 17.3935



21.1930, 10.6799, 12.0838



1.7127, 0.8581, 1.2046

Previews

White Background



This preview shows how the XYZ color 44.5279, 35.3622, 83.0760 looks on a white background.

Color Contrast Check

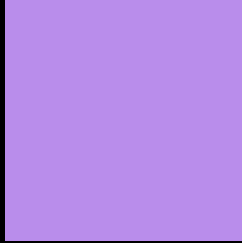
Large Text (above 18pt) WCAG AA × Fail

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 44.5279, 35.3622, 83.0760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

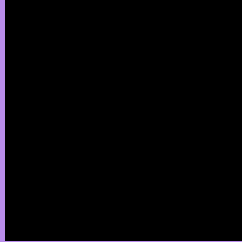
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.5279, 35.3622, 83.0760

Background



This preview shows how black text looks on a background with the XYZ color 44.5279, 35.3622, 83.0760.



This preview shows how white text looks on a background with the XYZ color 44.5279, 35.3622,

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



Original Color

44.5279, 35.3622, 83.0760

Protanopia

38.0781, 35.8053, 94.5267

Deuteranopia

36.4948, 35.5523, 80.5401



Tritanopia

36.0228, 35.1541, 41.9326

Trichromacy



Original Color

44.5279, 35.3622, 83.0760

Protanomaly

39.7701, 35.2840, 90.3023

Deuteranomaly

38.7426, 34.9581, 81.0496

Tritanomaly

38.5522, 34.9656, 54.5863

Monochromacy



Original Color

44.5279, 35.3622, 83.0760

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

38.1960, 36.2653, 53.7020

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.5279, 35.3622, 83.0760 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(185, 141, 235)` looks like.

```
.text, #text, p{  
    color:rgb(185, 141, 235)  
}
```

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(185, 141, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 141, 235) }
```

Border

The CSS property to change the border of an element to XYZ 44.5279, 35.3622, 83.0760 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(185, 141, 235) }
```


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

```
.border{ border-color:rgb(185, 141, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 141, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 141, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 141, 235);  
box-shadow:4px 4px 4px 4px rgb(185, 141,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 44.5279, 35.3622, 83.0760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 141, 235) }
```

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

```
.background{ background-color: rgb(185,  
141, 235) }
```

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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