

Converting Colors

XYZ(43.2403, 35.9388, 79.7537)

Have a look what the booklet for
XYZ(43.2403, 35.9388, 79.7537)
contains.

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Color

**XYZ(43.1522, 35.8546,
79.5092)**

Conversions

Conversions Part 1

Format	Color
Hex	B392E6
RGB	179, 146, 230
RGB Percent	70%, 57%, 90%
CMY	0.2980, 0.4274, 0.0980
CMYK	0.22, 0.37, 0.00, 0.10
HSL	264°, 63%, 74%
HSV	264°, 37%, 90%
XYZ	43.1522, 35.8546, 79.5092
YIQ	165.4430, -7.2960, 33.1200

Conversions

Conversions Part 2

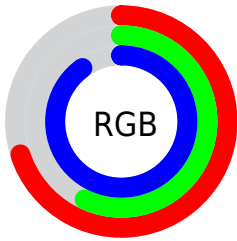
Format	Color
RYB	179, 146, 230
Decimal	11768550
CIELab	66.41, 29.08, -38.02
CIELCh	66, 47.863, 307.413
Yxy	35.8546, 0.2722, 0.2262
Android (android.graphics.Color)	4289958630 (0xFFB392E6)
YUV	165.4430, 31.8266, 11.8895
Hunter-Lab	59.8787, 23.8501, -36.8124

Details

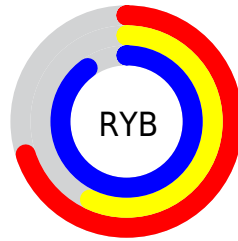
The XYZ color **43.1522, 35.8546, 79.5092** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **56.5120, 70.5401, 37.8326**, and the grayscale version is **35.8322, 37.6983, 41.0535**.

A 20% lighter version of the original color is **73.2963, 66.3614, 103.5536**, and **20.1896, 15.6004, 41.9915** is the 20% darker color. If you saturate the color by 10%, you get **36.8914, 27.8834, 78.3012**, and if you desaturate by 10%, it is **50.4555, 45.4235, 80.9719**.

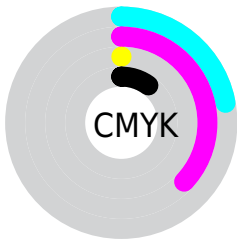
Distribution



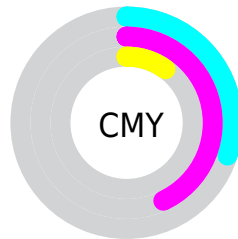
- Red (70%)
- Green (57%)
- Blue (90%)



- Red (70%)
- Yellow (57%)
- Blue (90%)



- Cyan (22%)
- Magenta (37%)
- Yellow (0%)
- Black (10%)



- Cyan (30%)
- Magenta (43%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.1522, 35.8546, 79.5092 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 43.1522, 35.8546, 79.5092 by changing the saturation by 10% instead.

43.1522, 35.8546,
79.5092

43.1522, 35.8546,
79.5092

350.1482,
328.3246, 512.9403

30.1996, 24.3219,
58.7908

79.1948, 68.8076,
134.4806

20.1390, 15.5726,
42.0258

103.0154, 90.9967,
169.5707

12.6049, 9.2222,
28.7958

131.1895,
117.5067, 210.2884

7.2322, 4.8864,
18.6821

164.0823,
148.7221, 257.0523

3.6554, 2.1808,
11.2663

202.0592,
185.0271, 310.2809

1.5091, 0.7095,
6.1299

245.4856,

0.3320, 0.0000,

226.8063, 370.3927

2.8541

294.7268,
274.4440, 437.8064

■ 0.0000, 0.0000,
1.0206

■ 0.0000, 0.0000,
0.0000

■ 43.1522, 35.8546,
79.5092

■ 43.1522, 35.8546,
79.5092

■ 36.8914, 27.8834,
78.3012

■ 50.4555, 45.4235,
80.9719

■ 31.6168, 21.4146,
77.3306

■ 58.8464, 56.6695,
82.7003

■ 27.2717, 16.3491,
76.5819

■ 68.3714, 69.6717,
84.7080

■ 23.7916, 12.5735,
76.0365

■ 79.0733, 84.5027,
87.0066

■ 21.1021, 9.9561,
75.6731

■ 89.0472, 97.3406,
88.9589

■ 19.1118, 8.3315,
75.4644

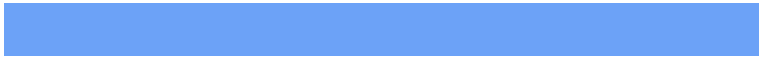
■ 91.2830, 98.4932,
89.0635

■ 18.5344, 7.9049,
75.4125

Harmonies

Analogous

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



35.8871, 35.8546, 92.6878



43.1522, 35.8546, 79.5092



48.4460, 35.8546, 56.2386

Triad

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



43.1522, 35.8546, 79.5092



39.6485, 35.8546, 12.7677



22.1619, 35.8546, 44.3540

Complementary

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



43.1522, 35.8546, 79.5092



56.5120, 70.5401, 37.8326

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.



22.8762, 35.8546, 25.7620



43.1522, 35.8546, 79.5092



32.3322, 35.8546, 11.5300

Square

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



43.1522, 35.8546, 79.5092



46.2336, 35.8546, 19.6407



26.3756, 35.8546, 15.3394



24.2660, 35.8546, 68.2499

Rectangle

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



43.1522, 35.8546, 79.5092



49.7763, 35.8546, 40.8478



26.3756, 35.8546, 15.3394



22.0862, 35.8546, 37.2855

Sweetspot

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



43.1535, 35.8560, 79.5100



80.7551, 80.3027, 105.8515



46.2865, 52.1221, 82.4846



16.9346, 16.7101, 22.5828



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.



43.1535, 35.8560, 79.5100



48.3064, 37.3545, 99.2718



54.1386, 41.5191, 80.0241



14.1158, 14.1619, 18.1339



10.6210, 4.5412, 42.6999



0.8868, 0.3881, 3.1601

Inverse Universe

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



52.9910, 41.4132, 58.0249



62.7804, 45.5441, 67.0582



47.1578, 65.7178, 37.3948



14.7427, 14.5143, 16.8455



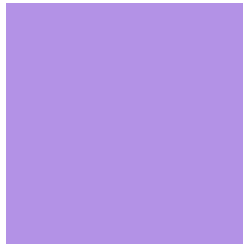
21.2018, 10.6149, 15.2235



1.6121, 0.8025, 1.3638

Previews

White Background



This preview shows how the XYZ color 43.1522, 35.8546, 79.5092 looks on a white background.

Color Contrast Check

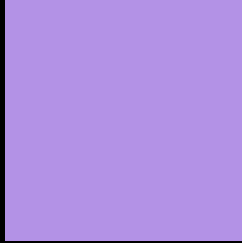
Large Text (above 18pt) WCAG AA × Fail

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 43.1522, 35.8546, 79.5092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

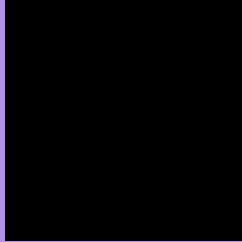
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.1522, 35.8546, 79.5092

Background



This preview shows how black text looks on a background with the XYZ color 43.1522, 35.8546, 79.5092.



This preview shows how white text looks on a background with the XYZ color 43.1522, 35.8546,

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

43.1522, 35.8546, 79.5092

Protanopia

38.1068, 36.2155, 88.2009

Deuteranopia

36.9172, 36.0909, 77.6935



Tritanopia

35.7260, 35.7188, 43.5395

Trichromacy



Original Color

43.1522, 35.8546, 79.5092

Protanomaly

39.4193, 35.7097, 84.9358

Deuteranomaly

38.8618, 35.8164, 78.2638

Tritanomaly

38.0833, 35.6876, 54.7504

Monochromacy



Original Color

43.1522, 35.8546, 79.5092

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

37.9897, 36.6739, 53.2206

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1522, 35.8546, 79.5092 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(179, 146, 230)` looks like.

```
.text, #text, p{  
    color:rgb(179, 146, 230)  
}
```

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(179, 146, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 146, 230) }
```

Border

The CSS property to change the border of an element to XYZ 43.1522, 35.8546, 79.5092 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(179, 146, 230) }
```


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

```
.border{ border-color:rgb(179, 146, 230) }
```

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

Here you see how a box with a 4 pixel rgb(179, 146, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 146, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 146, 230);  
box-shadow:4px 4px 4px 4px rgb(179, 146,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1522, 35.8546, 79.5092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 146, 230) }
```

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

```
.background{ background-color: rgb(179,  
146, 230) }
```

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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