

Converting Colors

XYZ(43.8602, 34.2313, 98.9034)

Have a look what the booklet for
XYZ(43.8602, 34.2313, 98.9034)
contains.

XYZ(43.8602, 34.2313, 98.9034)	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(43.8602, 34.2313,
98.9034)**

Conversions

Conversions Part 1

Format	Color
Hex	AA8BFF
RGB	170, 139, 255
RGB Percent	67%, 55%, 100%
CMY	0.3333, 0.4549, 0.0000
CMYK	0.33, 0.45, 0.00, 0.00
HSL	256°, 100%, 77%
HSV	256°, 45%, 100%
XYZ	43.8602, 34.2313, 98.9034
YIQ	161.4930, -18.7600, 42.6480

Conversions

Conversions Part 2

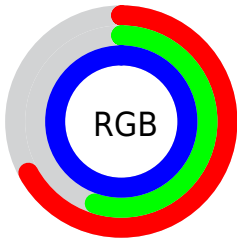
Format	Color
R _Y B	170, 139, 255
Decimal	11176959
CIE Lab	65.15, 36.61, -53.79
CIE LCh	65, 65.065, 304.244
Yxy	34.2313, 0.2478, 0.1934
Android (android.graphics.Color)	4289367039 (0xFFAA8BFF)
YUV	161.4930, 46.0990, 7.4606
Hunter-Lab	58.5075, 31.4245, -59.2709

Details

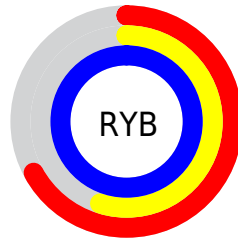
The XYZ color **43.8602, 34.2313, 98.9034** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **71.1606, 89.2313, 37.9000**, and the grayscale version is **33.9050, 35.6707, 38.8454**.

A 20% lighter version of the original color is **69.1149, 61.8539, 102.9040**, and **20.6222, 14.6341, 55.1638** is the 20% darker color. If you saturate the color by 10%, you get **36.8331, 25.7526, 97.6372**, and if you desaturate by 10%, it is **52.3248, 44.7303, 100.4837**.

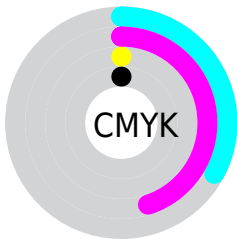
Distribution



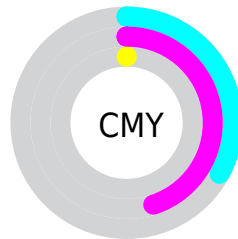
- Red (67%)
- Green (55%)
- Blue (100%)



- Red (67%)
- Yellow (55%)
- Blue (100%)



- Cyan (33%)
- Magenta (45%)
- Yellow (0%)
- Black (0%)





- Cyan (33%)
- Magenta (45%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.8602, 34.2313, 98.9034 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 43.8602, 34.2313, 98.9034 by changing the saturation by 10% instead.

 43.8602, 34.2313,
98.9034


 43.8602, 34.2313,
98.9034


352.9993,
321.1622, 577.8877


 30.7581, 23.0713,
74.7733

 80.2550, 66.2932,
161.6881

 20.5656, 14.6462,
54.9265


 104.2783, 87.9639,
201.1797

 12.9175, 8.5715,
38.9447


 132.6728,
113.9070, 246.6290

 7.4484, 4.4627,
26.4092

165.8038,
144.5069, 298.4543

 3.7929, 1.9356,
16.9015

204.0365,
180.1480, 357.0743

 1.5856, 0.5697,
10.0031

247.7365,

 0.3830, 0.0000,

221.2146, 422.9075

5.2954

297.2690,
268.0912, 496.3725

■ 0.0000, 0.0000,
2.3598

■ 0.0000, 0.0000,
0.7645

■ 43.8602, 34.2313,
98.9034

■ 43.8602, 34.2313,
98.9034

■ 36.8331, 25.7526,
97.6372

■ 52.3248, 44.7303,
100.4837

■ 31.1551, 19.1567,
96.6633

■ 62.3007, 57.3674,
102.3972

■ 26.7329, 14.2942,
95.9578

■ 73.8611, 72.2556,
104.6616

■ 23.4584, 10.9904,
95.4927

■ 87.0729, 89.4986,
107.2935

■ 21.2022, 9.0314,
95.2335

95.0500, 100.0000,
108.9000

■ 20.4444, 8.4544,
95.1621

Harmonies

Analogous

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



33.8981, 34.2313, 116.9012



43.8602, 34.2313, 98.9034



51.7824, 34.2313, 64.7433

Triad

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



43.8602, 34.2313, 98.9034



41.0810, 34.2313, 7.3152



17.5796, 34.2313, 41.2541

Complementary

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



43.8602, 34.2313, 98.9034



71.1606, 89.2313, 37.9000

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.



18.7692, 34.2313, 18.9341



43.8602, 34.2313, 98.9034



31.2106, 34.2313, 5.7463

Square

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



43.8602, 34.2313, 98.9034



49.9722, 34.2313, 14.9998



23.3506, 34.2313, 8.6933



19.7158, 34.2313, 74.8601

Rectangle

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



43.8602, 34.2313, 98.9034



54.1518, 34.2313, 42.7347



23.3506, 34.2313, 8.6933



17.6074, 34.2313, 32.2960

Sweetspot

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



43.8614, 34.2325, 98.9035



75.7223, 74.6716, 105.0298



55.3717, 66.0568, 104.4396



15.6330, 15.2371, 22.3671



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.



43.8614, 34.2325, 98.9035



37.1448, 26.1224, 97.6921



59.2570, 42.1692, 99.6240



17.4583, 17.6125, 22.7293



10.8024, 4.4793, 49.7298



1.1502, 0.4868, 4.8466

Inverse Universe

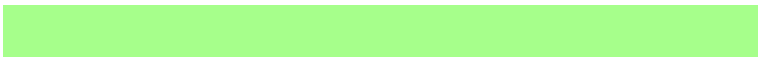
The Inverse Universe completely reimagines the original color for something new.



63.9274, 45.1078, 75.8576



59.9341, 38.5012, 70.2716



56.1607, 81.4986, 37.1980



18.5733, 18.2126, 21.6359



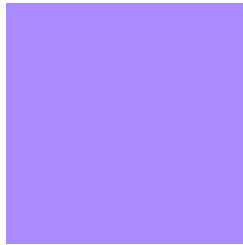
26.2925, 13.0063, 25.9887



2.6054, 1.2845, 2.7696

Previews

White Background



This preview shows how the XYZ color 43.8602, 34.2313, 98.9034 looks on a white background.

Color Contrast Check

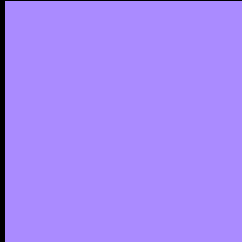
Large Text (above 18pt) WCAG AA × Fail

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 43.8602, 34.2313, 98.9034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

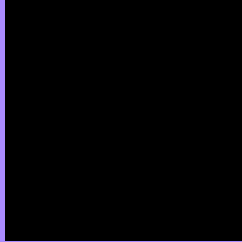
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.8602, 34.2313, 98.9034

Background



This preview shows how black text looks on a background with the XYZ color 43.8602, 34.2313, 98.9034.



This preview shows how white text looks on a background with the XYZ color 43.8602, 34.2313,

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

43.8602, 34.2313, 98.9034

Protanopia

37.2426, 34.5142, 99.3068

Deuteranopia

35.5833, 34.4829, 96.0472



Tritanopia

32.5264, 34.0694, 43.3898

Trichromacy



Original Color

43.8602, 34.2313, 98.9034

Protanomaly

39.1140, 34.0333, 99.1153

Deuteranomaly

37.6906, 33.8286, 96.6385

Tritanomaly

36.0254, 33.7684, 60.4963

Monochromacy



Original Color

43.8602, 34.2313, 98.9034

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

36.5514, 34.6151, 56.3847

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8602, 34.2313, 98.9034 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(170, 139, 255)` looks like.

```
.text, #text, p{  
    color:rgb(170, 139, 255)  
}
```

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(170, 139, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 139, 255) }
```

Border

The CSS property to change the border of an element to XYZ 43.8602, 34.2313, 98.9034 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(170, 139, 255) }
```


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

```
.border{ border-color:rgb(170, 139, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 139, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 139, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 139, 255);  
box-shadow:4px 4px 4px 4px rgb(170, 139,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8602, 34.2313, 98.9034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 139, 255) }
```

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

```
.background{ background-color: rgb(170,  
139, 255) }
```

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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