

Converting Colors

XYZ(43.8880, 35.0773, 87.2871)

Have a look what the booklet for
XYZ(43.8880, 35.0773, 87.2871)
contains.

XYZ(43.9103, 35.1619, 87.6917)	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(43.9103, 35.1619,
87.6917)**

Conversions

Conversions Part 1

Format	Color
Hex	B28EF1
RGB	178, 142, 241
RGB Percent	70%, 56%, 95%
CMY	0.3019, 0.4431, 0.0549
CMYK	0.26, 0.41, 0.00, 0.05
HSL	262°, 78%, 75%
HSV	262°, 41%, 95%
XYZ	43.9103, 35.1619, 87.6917
YIQ	164.0500, -10.3230, 38.4210

Conversions

Conversions Part 2

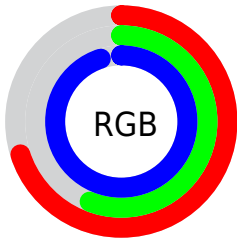
Format	Color
R_{YB}	178, 142, 241
Decimal	11702001
CIE _{Lab}	65.87, 33.62, -44.92
CIE _{LCh}	66, 56.104, 306.815
Yxy	35.1619, 0.2633, 0.2108
Android (android.graphics.Color)	4289892081 (0xFFB28EF1)
YUV	164.0500, 37.9364, 12.2342
Hunter-Lab	59.2975, 28.4103, -46.1724

Details

The XYZ color **43.9103, 35.1619, 87.6917** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **61.5155, 77.8435, 37.3756**, and the grayscale version is **35.1403, 36.9703, 40.2607**.

A 20% lighter version of the original color is **72.0509, 64.3620, 103.2334**, and **20.5612, 15.1538, 47.1887** is the 20% darker color. If you saturate the color by 10%, you get **37.3804, 27.0364, 86.4681**, and if you desaturate by 10%, it is **51.6113, 45.0431, 89.1937**.

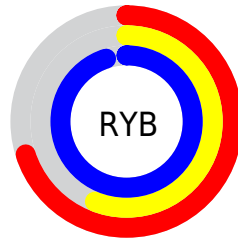
Distribution



Red (70%)

Green (56%)

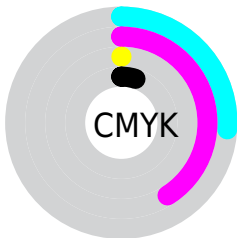
Blue (95%)



Red (70%)

Yellow (56%)

Blue (95%)

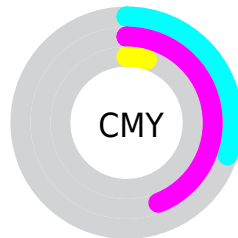


Cyan (26%)

Magenta (41%)

Yellow (0%)

Black (5%)



Cyan (30%)


Magenta (44%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.9103, 35.1619, 87.6917 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 43.9103, 35.1619, 87.6917 by changing the saturation by 10% instead.


 43.9103, 35.1619,
87.6917

 43.9103, 35.1619,
87.6917

353.2005,
325.2824, 540.8682


 30.7976, 23.7876,
65.5049

 80.3299, 67.7365,
146.0352

 20.5958, 15.1761,
47.4166


 104.3676, 89.7056,
183.0290

 12.9397, 8.9431,
33.0085


 132.7776,
115.9751, 225.7955

 7.4637, 4.7041,
21.8617

165.9253,
146.9294, 274.7534

 3.8027, 2.0747,
13.5580

204.1761,
182.9529, 330.3210

 1.5911, 0.6503,
7.6787

247.8953,

 0.3866, 0.0000,

224.4299, 392.9170

3.8052

297.4484,
271.7450, 462.9599

■ 0.0000, 0.0000,
1.5191

■ 0.0000, 0.0000,
0.2321

■ 43.9103, 35.1619,
87.6917

■ 43.9103, 35.1619,
87.6917

■ 37.3804, 27.0364,
86.4681

■ 51.6113, 45.0431,
89.1937

■ 31.9545, 20.5550,
85.5030

■ 60.5377, 56.7741,
90.9875

■ 27.5637, 15.5993,
84.7779

■ 70.7449, 70.4471,
93.0887

■ 24.1291, 12.0323,
84.2704

■ 82.2838, 86.1467,
95.5109

■ 21.5577, 9.6912,
83.9541

■ 92.7613, 99.0711,
97.4533

■ 19.8676, 8.4080,
83.7955

■ 92.8773, 99.1309,
97.4587

Harmonies

Analogous

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



35.3476, 35.1619, 103.8513



43.9103, 35.1619, 87.6917



50.3176, 35.1619, 59.2162

Triad

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



43.9103, 35.1619, 87.6917



40.0966, 35.1619, 9.7870



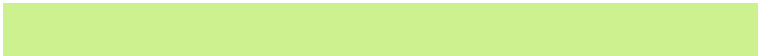
19.9606, 35.1619, 43.9614

Complementary

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



43.9103, 35.1619, 87.6917



61.5155, 77.8435, 37.3756

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.



20.8054, 35.1619, 22.9788



43.9103, 35.1619, 87.6917



31.5645, 35.1619, 8.4935

Square

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



43.9103, 35.1619, 87.6917



47.8738, 35.1619, 16.9288



24.7501, 35.1619, 12.1349



22.2150, 35.1619, 72.6710

Rectangle

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



43.9103, 35.1619, 87.6917



51.9946, 35.1619, 40.8782



24.7501, 35.1619, 12.1349



19.8983, 35.1619, 35.8045

Sweetspot

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



43.9116, 35.1633, 87.6925



79.2486, 78.4987, 105.5826



49.1893, 56.4142, 91.5162



16.6229, 16.3445, 22.5286



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.



43.9116, 35.1633, 87.6925



43.8280, 32.3690, 98.5456



56.9623, 41.8912, 88.3033



15.4399, 15.5085, 19.9013



10.9085, 4.6289, 45.4464



1.0130, 0.4395, 3.7857

Inverse Universe

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



56.9690, 42.4558, 62.9506



60.8078, 41.8700, 65.5645



50.2142, 72.0175, 36.8467



16.1962, 15.9282, 18.5892



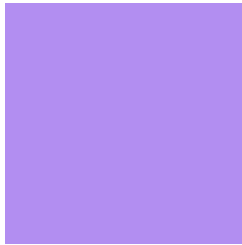
22.8727, 11.4215, 17.7780



1.9504, 0.9692, 1.7294

Previews

White Background



This preview shows how the XYZ color 43.9103, 35.1619, 87.6917 looks on a white background.

Color Contrast Check

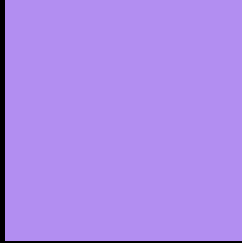
Large Text (above 18pt) WCAG AA × Fail

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 43.9103, 35.1619, 87.6917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

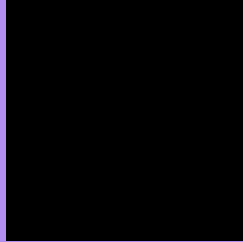
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.9103, 35.1619, 87.6917

Background



This preview shows how black text looks on a background with the XYZ color 43.9103, 35.1619, 87.6917.



This preview shows how white text looks on a background with the XYZ color 43.9103, 35.1619,

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

43.9103, 35.1619, 87.6917

Protanopia

38.1147, 35.4807, 98.6055

Deuteranopia

36.2884, 35.3463, 85.0307



Tritanopia

34.8297, 35.0156, 42.9532

Trichromacy



Original Color

43.9103, 35.1619, 87.6917

Protanomaly

39.6548, 35.1357, 94.3144

Deuteranomaly

38.5009, 34.9753, 85.6106

Tritanomaly

37.7696, 34.9880, 56.9872

Monochromacy



Original Color

43.9103, 35.1619, 87.6917

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

37.7651, 36.0177, 54.8309

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.9103, 35.1619, 87.6917 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(178, 142, 241)` looks like.

```
.text, #text, p{  
    color:rgb(178, 142, 241)  
}
```

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(178, 142, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 142, 241) }
```

Border

The CSS property to change the border of an element to XYZ 43.9103, 35.1619, 87.6917 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(178, 142, 241) }
```


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

```
.border{ border-color:rgb(178, 142, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 142, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 142, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 142, 241);  
box-shadow:4px 4px 4px 4px rgb(178, 142,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 43.9103, 35.1619, 87.6917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 142, 241) }
```

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

```
.background{ background-color: rgb(178,  
142, 241) }
```

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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