

Converting Colors

XYZ(43.3427, 34.7512, 83.0205)

Have a look what the booklet for
XYZ(43.3427, 34.7512, 83.0205)
contains.

XYZ(43.3427, 34.7512, 83.0205)	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(43.3427, 34.7512,
83.0205)**

Conversions

Conversions Part 1

Format	Color
Hex	B48DEB
RGB	180, 141, 235
RGB Percent	71%, 55%, 92%
CMY	0.2941, 0.4470, 0.0784
CMYK	0.23, 0.40, 0.00, 0.08
HSL	265°, 70%, 74%
HSV	265°, 40%, 92%
XYZ	43.3427, 34.7512, 83.0205
YIQ	163.3770, -6.9300, 37.5020

Conversions

Conversions Part 2

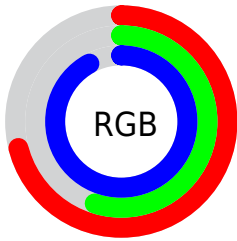
Format	Color
RYB	180, 141, 235
Decimal	11832811
CIELab	65.55, 33.33, -42.10
CIELCh	66, 53.696, 308.363
Yxy	34.7512, 0.2690, 0.2157
Android (android.graphics.Color)	4290022891 (0xFFB48DEB)
YUV	163.3770, 35.3101, 14.5784
Hunter-Lab	58.9501, 28.0782, -42.2340

Details

The XYZ color **43.3427, 34.7512, 83.0205** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **57.2817, 73.0762, 36.2866**, and the grayscale version is **34.8326, 36.6466, 39.9081**.

A 20% lighter version of the original color is **72.4902, 64.2547, 103.1895**, and **20.2503, 14.9270, 44.4617** is the 20% darker color. If you saturate the color by 10%, you get **37.1946, 26.9727, 81.8437**, and if you desaturate by 10%, it is **50.5460, 44.1663, 84.4587**.

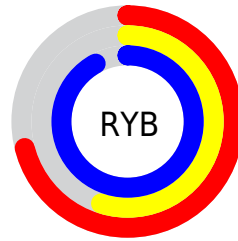
Distribution



Red (71%)

Green (55%)

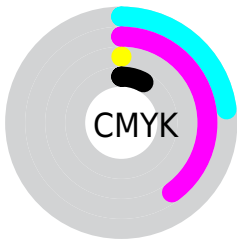
Blue (92%)



Red (71%)

Yellow (55%)

Blue (92%)

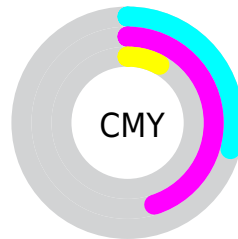


Cyan (23%)

Magenta (40%)

Yellow (0%)

Black (8%)



Cyan (29%)


Magenta (45%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.3427, 34.7512, 83.0205 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 43.3427, 34.7512, 83.0205 by changing the saturation by 10% instead.


 43.3427, 34.7512,
83.0205

 43.3427, 34.7512,
83.0205

350.9169,
323.4688, 525.0276


 30.3498, 23.4713,
61.6664


 79.4802, 67.1002,
139.4537

 20.2536, 14.9419,
44.3291

 103.3556, 88.9380,
175.3698

 12.6889, 8.7786,
30.5902


 131.5891,
115.0639, 216.9769

 7.2902, 4.5971,
20.0312

164.5462,
145.8623, 264.6937

 3.6922, 2.0128,
12.2334

202.5921,
181.7176, 318.9386

 1.5295, 0.6149,
6.7784

246.0923,

 0.3458, 0.0000,

223.0142, 380.1302

3.2476

295.4121,
270.1365, 448.6870

■ 0.0000, 0.0000,
1.2224

■ 0.0000, 0.0000,
0.0000

■ 43.3427, 34.7512,
83.0205

■ 43.3427, 34.7512,
83.0205

■ 37.1946, 26.9727,
81.8437

■ 50.5460, 44.1663,
84.4587

■ 32.0418, 20.7282,
80.9100

■ 58.8523, 55.3040,
86.1707

■ 27.8236, 15.9095,
80.2022

■ 68.3108, 68.2491,
88.1709

■ 24.4701, 12.3917,
79.7000

■ 78.9666, 83.0795,
90.4718

■ 21.8995, 10.0272,
79.3791

■ 89.7342, 97.6124,
92.7094

■ 19.9792, 8.5674,
79.1985

■ 91.9955, 98.7782,
92.8153

■ 19.9790, 8.5673,
79.1985

Harmonies

Analogous

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



35.2807, 34.7512, 98.9697



43.3427, 34.7512, 83.0205



49.1917, 34.7512, 56.1781

Triad

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



43.3427, 34.7512, 83.0205



38.9313, 34.7512, 10.1549



20.2040, 34.7512, 44.4995

Complementary

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



43.3427, 34.7512, 83.0205



57.2817, 73.0762, 36.2866

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.



20.8636, 34.7512, 23.9994



43.3427, 34.7512, 83.0205



30.8771, 34.7512, 9.1136

Square

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



43.3427, 34.7512, 83.0205



46.3762, 34.7512, 16.8070



24.4984, 34.7512, 13.0104



22.5266, 34.7512, 71.6220

Rectangle

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



43.3427, 34.7512, 83.0205



50.5875, 34.7512, 39.0901



24.4984, 34.7512, 13.0104



20.0927, 34.7512, 36.6132

Sweetspot

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



43.3440, 34.7526, 83.0213



79.7704, 78.7676, 105.6071



46.0382, 51.7764, 86.1652



16.7453, 16.4076, 22.5344



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.



43.3440, 34.7526, 83.0213



46.0028, 34.0002, 98.7458



55.7599, 41.1532, 83.6024



14.8233, 14.8542, 19.0081



11.2565, 4.8389, 44.0837



0.9910, 0.4352, 3.4666

Inverse Universe

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



53.7505, 40.6986, 57.2478



60.4979, 42.2957, 62.2380



47.1685, 67.8626, 35.8133



15.4351, 15.2019, 17.5767



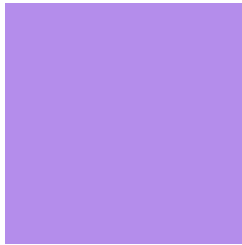
21.6658, 10.8690, 14.5732



1.7490, 0.8726, 1.3956

Previews

White Background



This preview shows how the XYZ color 43.3427, 34.7512, 83.0205 looks on a white background.

Color Contrast Check

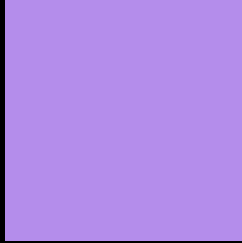
Large Text (above 18pt) WCAG AA × Fail

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 43.3427, 34.7512, 83.0205 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 43.3427, 34.7512, 83.0205

Background



This preview shows how black text looks on a background with the XYZ color 43.3427, 34.7512, 83.0205.



This preview shows how white text looks on a background with the XYZ color 43.3427, 34.7512,

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

43.3427, 34.7512, 83.0205

Protanopia

37.4359, 34.9899, 93.5876

Deuteranopia

35.9983, 35.0257, 81.2073



Tritanopia

34.9377, 34.5947, 41.8818

Trichromacy



Original Color

43.3427, 34.7512, 83.0205

Protanomaly

39.0983, 34.7153, 89.4340

Deuteranomaly

38.1490, 34.6356, 81.7655

Tritanomaly

37.4340, 34.3891, 54.5339

Monochromacy



Original Color

43.3427, 34.7512, 83.0205

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

37.2688, 35.5518, 53.0420

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3427, 34.7512, 83.0205 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(180, 141, 235)` looks like.

```
.text, #text, p{  
    color:rgb(180, 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(180, 141, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 141, 235) }
```

Border

The CSS property to change the border of an element to XYZ 43.3427, 34.7512, 83.0205 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(180, 141, 235) }
```


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

```
.border{ border-color:rgb(180, 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(180, 141, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(180, 141, 235); -webkit-box-shadow:4px 4px 4px 4px rgb(180, 141, 235); box-shadow:4px 4px 4px 4px rgb(180, 141, 235) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3427, 34.7512, 83.0205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 141, 235) }
```

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

```
.background{ background-color: rgb(180,  
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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