

Converting Colors

XYZ(43.6590, 34.5558, 90.9103)

Have a look what the booklet for
XYZ(43.6590, 34.5558, 90.9103)
contains.

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Color

**XYZ(43.5387, 34.4627,
90.7434)**

Conversions

Conversions Part 1

Format	Color
Hex	AF8CF5
RGB	175, 140, 245
RGB Percent	69%, 55%, 96%
CMY	0.3137, 0.4510, 0.0392
CMYK	0.29, 0.43, 0.00, 0.04
HSL	260°, 84%, 75%
HSV	260°, 43%, 96%
XYZ	43.5387, 34.4627, 90.7434
YIQ	162.4350, -12.8450, 40.0750

Conversions

Conversions Part 2

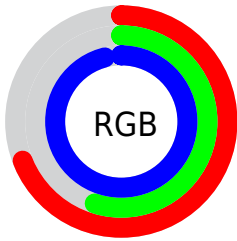
Format	Color
R _Y B	175, 140, 245
Decimal	11504885
CIE Lab	65.33, 34.88, -47.99
CIE LCh	65, 59.328, 306.010
Yxy	34.4627, 0.2580, 0.2042
Android (android.graphics.Color)	4289694965 (0xFFAF8CF5)
YUV	162.4350, 40.7045, 11.0195
Hunter-Lab	58.7049, 29.6514, -50.5543

Details

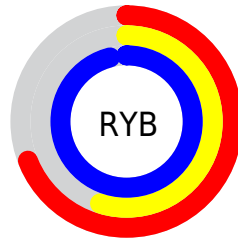
The XYZ color **43.5387, 34.4627, 90.7434** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **63.9650, 80.9005, 37.0562**, and the grayscale version is **34.3670, 36.1567, 39.3747**.

A 20% lighter version of the original color is **70.9461, 63.1272, 103.0532**, and **20.3952, 14.7687, 49.3526** is the 20% darker color. If you saturate the color by 10%, you get **36.9025, 26.3064, 89.5195**, and if you desaturate by 10%, it is **51.4178, 44.4440, 92.2553**.

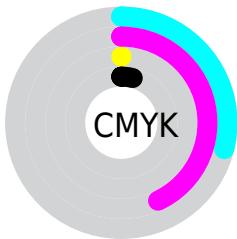
Distribution



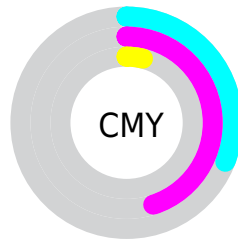
- Red (69%)
- Green (55%)
- Blue (96%)



- Red (69%)
- Yellow (55%)
- Blue (96%)



- Cyan (29%)
- Magenta (43%)
- Yellow (0%)
- Black (4%)





- Cyan (31%)
- Magenta (45%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.5387, 34.4627, 90.7434 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 43.5387, 34.4627, 90.7434 by changing the saturation by 10% instead.


 43.5387, 34.4627,
90.7434

 43.5387, 34.4627,
90.7434

351.7066,
322.1903, 551.0785


 30.5044, 23.2493,
68.0202

 79.7738, 66.6526,
150.3151

 20.3717, 14.7777,
49.4474


 103.7053, 88.3978,
188.0007

 12.7754, 8.6635,
34.6064


 131.9999,
114.4224, 231.5108

 7.3500, 4.5224,
23.0787

165.0229,
145.1108, 281.2640

 3.7302, 1.9698,
14.4458

203.1397,
180.8475, 337.6789

 1.5506, 0.5899,
8.2891

246.7157,

 0.3599, 0.0000,

222.0166, 401.1739

4.1901

296.1162,
269.0028, 472.1676

■ 0.0000, 0.0000,
1.7302

■ 0.0000, 0.0000,
0.3813

■ 43.5387, 34.4627,
90.7434

■ 43.5387, 34.4627,
90.7434

■ 36.9025, 26.3064,
89.5195

■ 51.4178, 44.4440,
92.2553

■ 31.4361, 19.8559,
88.5625

■ 60.5994, 56.3513,
94.0697

■ 27.0640, 14.9840,
87.8526

■ 71.1439, 70.2825,
96.2030

■ 23.6991, 11.5426,
87.3657

■ 83.1064, 86.3278,
98.6695

■ 21.2383, 9.3541,
87.0729

■ 93.4815, 99.3726,
100.6406

■ 19.9325, 8.3716,
86.9521

Harmonies

Analogous

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



34.5281, 34.4627, 107.6190



43.5387, 34.4627, 90.7434



50.4205, 34.4627, 60.4115

Triad

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



43.5387, 34.4627, 90.7434



39.9935, 34.4627, 8.6623



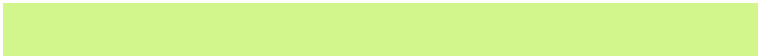
18.8438, 34.4627, 42.7351

Complementary

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



43.5387, 34.4627, 90.7434



63.9650, 80.9005, 37.0562

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.



19.7898, 34.4627, 21.2991



43.5387, 34.4627, 90.7434



31.0451, 34.4627, 7.2919

Square

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



43.5387, 34.4627, 90.7434



48.1346, 34.4627, 15.9095



23.9186, 34.4627, 10.6778



21.0605, 34.4627, 73.0702

Rectangle

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



43.5387, 34.4627, 90.7434



52.3051, 34.4627, 40.9368



23.9186, 34.4627, 10.6778



18.8085, 34.4627, 34.3064

Sweetspot

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



43.5400, 34.4640, 90.7442



77.7032, 76.6898, 105.3149



50.3443, 58.2623, 94.9791



16.0580, 15.6523, 22.4248



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.



43.5400, 34.4640, 90.7442



41.5899, 30.2325, 98.2512



57.6969, 41.7622, 91.4067



16.1016, 16.1950, 20.8199



10.8687, 4.5774, 46.8487



1.0598, 0.4562, 4.1224

Inverse Universe

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



58.6679, 42.8229, 66.1467



60.4067, 40.6503, 66.7179



51.3894, 74.4176, 36.4677



16.9651, 16.6689, 19.5626



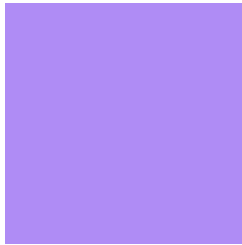
23.9305, 11.9156, 20.1401



2.1508, 1.0663, 2.0206

Previews

White Background



This preview shows how the XYZ color 43.5387, 34.4627, 90.7434 looks on a white background.

Color Contrast Check

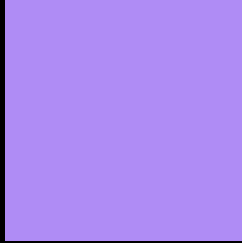
Large Text (above 18pt) WCAG AA × Fail

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 43.5387, 34.4627, 90.7434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

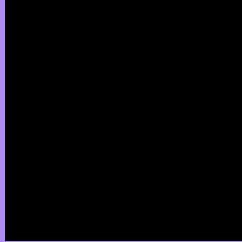
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.5387, 34.4627, 90.7434

Background



This preview shows how black text looks on a background with the XYZ color 43.5387, 34.4627, 90.7434.



This preview shows how white text looks on a background with the XYZ color 43.5387, 34.4627,

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

43.5387, 34.4627, 90.7434

Protanopia

37.5171, 34.6558, 99.3196

Deuteranopia

35.7118, 34.7265, 88.0398



Tritanopia

33.7156, 34.4521, 42.4090

Trichromacy



Original Color

43.5387, 34.4627, 90.7434

Protanomaly

39.1342, 34.3532, 95.8350

Deuteranomaly

37.7411, 34.0330, 88.5843

Tritanomaly

36.6617, 34.1638, 57.4853

Monochromacy



Original Color

43.5387, 34.4627, 90.7434

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

37.0064, 35.1325, 54.7000

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5387, 34.4627, 90.7434 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(175, 140, 245)` looks like.

```
.text, #text, p{  
    color:rgb(175, 140, 245)  
}
```

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(175, 140, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 140, 245) }
```

Border

The CSS property to change the border of an element to XYZ 43.5387, 34.4627, 90.7434 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(175, 140, 245) }
```


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

```
.border{ border-color:rgb(175, 140, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 140, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 140, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 140, 245);  
box-shadow:4px 4px 4px 4px rgb(175, 140,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5387, 34.4627, 90.7434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 140, 245) }
```

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

```
.background{ background-color: rgb(175,  
140, 245) }
```

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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