

Converting Colors

XYZ(43.4562, 35.2157, 31.1686)

Have a look what the booklet for
XYZ(43.4562, 35.2157, 31.1686)
contains.

XYZ(43.4127, 35.2814, 31.3099)	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(43.4127, 35.2814,
31.3099)**

Conversions

Conversions Part 1

Format	Color
Hex	DB8A91
RGB	219, 138, 145
RGB Percent	86%, 54%, 57%
CMY	0.1412, 0.4588, 0.4314
CMYK	0.00, 0.37, 0.34, 0.14
HSL	355°, 53%, 70%
HSV	355°, 37%, 86%
XYZ	43.4127, 35.2814, 31.3099
YIQ	163.0170, 46.0290, 19.3490

Conversions

Conversions Part 2

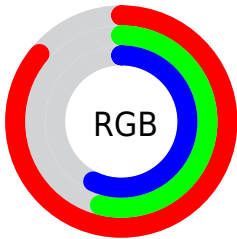
Format	Color
R _Y B	219, 138, 145
Decimal	14387857
CIE Lab	65.97, 31.75, 9.31
CIE LCh	66, 33.092, 16.347
Yxy	35.2814, 0.3946, 0.3207
Android (android.graphics.Color)	4292577937 (0xFFDB8A91)
YUV	163.0170, -8.8824, 49.0971
Hunter-Lab	59.3981, 26.5147, 10.3258

Details

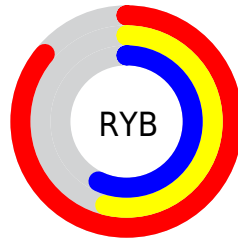
The XYZ color **43.4127, 35.2814, 31.3099** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **47.6980, 60.8205, 71.5163**, and the grayscale version is **34.8471, 36.6618, 39.9247**.

A 20% lighter version of the original color is **70.3984, 63.0828, 62.4986**, and **20.3740, 15.3240, 12.7105** is the 20% darker color. If you saturate the color by 10%, you get **39.1722, 29.0558, 22.9432**, and if you desaturate by 10%, it is **48.5603, 42.8861, 41.3203**.

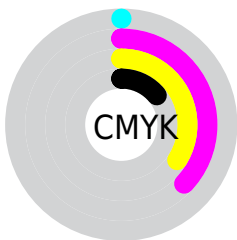
Distribution



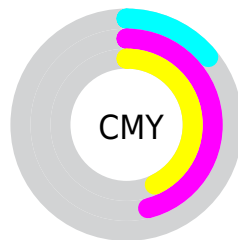
- Red (86%)
- Green (54%)
- Blue (57%)



- Red (86%)
- Yellow (54%)
- Blue (57%)



- Cyan (0%)
- Magenta (37%)
- Yellow (34%)
- Black (14%)




- Cyan (14%)
- Magenta (46%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.4127, 35.2814, 31.3099 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 43.4127, 35.2814, 31.3099 by changing the saturation by 10% instead.


 43.4127, 35.2814,
31.3099


 43.4127, 35.2814,
31.3099


351.1991,
325.8087, 322.3588


 30.4050, 23.8797,
20.5745


 79.5851, 67.9215,
62.8129

 20.2958, 15.2444,
12.6251


 103.4805, 89.9287,
84.4177

 12.7197, 8.9911,
7.0432


 131.7358,
116.2398, 110.4826

 7.3115, 4.7354,
3.4103

164.7165,
147.2393, 141.4262

 3.7057, 2.0929,
1.3078

202.7878,
183.3115, 177.6671

 1.5370, 0.6606,
0.0681

246.3151,

 0.3508, 0.0000,

224.8409, 219.6238

0.0000

295.6637,
272.2118, 267.7148

■ 0.0000, 0.0000,
0.0000

■ 43.4127, 35.2814,
31.3099

■ 43.4127, 35.2814,
31.3099

■ 39.1722, 29.0558,
22.9432

■ 48.5603, 42.8861,
41.3203

■ 35.7834, 24.1217,
16.1301

■ 54.6605, 51.9401,
53.0535

■ 33.1893, 20.3899,
10.7755

■ 61.7591, 62.5153,
66.5862

■ 31.3246, 17.7574,
6.7724

■ 69.8982, 74.6769,
81.9896

■ 30.1136, 16.1039,
3.9995

■ 79.1173, 88.4868,
99.3313

■ 29.4600, 15.2734,
2.3122

■ 83.0234, 93.8001,
108.3372

■ 29.3302, 15.1068,
1.9822

Harmonies

Analogous

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



43.5490, 35.2814, 45.1440



43.4127, 35.2814, 31.3099



40.4679, 35.2814, 22.0115

Triad

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



43.4127, 35.2814, 31.3099



27.1679, 35.2814, 22.6360



31.3585, 35.2814, 71.0582

Complementary

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



43.4127, 35.2814, 31.3099



47.6980, 60.8205, 71.5163

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.



27.4410, 35.2814, 61.4352



43.4127, 35.2814, 31.3099



25.1856, 35.2814, 32.3911

Square

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



43.4127, 35.2814, 31.3099



30.9512, 35.2814, 17.9031



25.2804, 35.2814, 46.5221



36.2564, 35.2814, 70.5647

Rectangle

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



43.4127, 35.2814, 31.3099



37.4582, 35.2814, 18.6195



25.2804, 35.2814, 46.5221



29.8938, 35.2814, 68.8151

Sweetspot

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



43.4136, 35.2831, 31.3106



82.8903, 81.8488, 85.8313



48.7110, 37.1274, 71.6167



17.4478, 17.0808, 17.8108



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.



43.4136, 35.2831, 31.3106



56.7402, 43.1280, 35.2505



48.2518, 45.7962, 30.3435



13.1015, 13.0697, 13.7956



17.4082, 8.9643, 1.2638



1.1439, 0.5872, 0.1669

Inverse Universe

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



43.4136, 35.2831, 31.3106



56.7402, 43.1280, 35.2505



40.9545, 45.8904, 73.7170



13.1015, 13.0697, 13.7956



17.4082, 8.9643, 1.2638



1.1439, 0.5872, 0.1669

Previews

White Background



This preview shows how the XYZ color 43.4127, 35.2814, 31.3099 looks on a white background.

Color Contrast Check

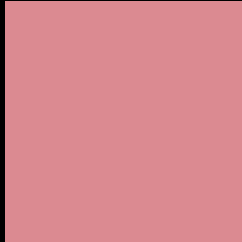
Large Text (above 18pt) WCAG AA × Fail

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 43.4127, 35.2814, 31.3099 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 43.4127, 35.2814, 31.3099

Background



This preview shows how black text looks on a background with the XYZ color 43.4127, 35.2814, 31.3099.



This preview shows how white text looks on a background with the XYZ color 43.4127, 35.2814,

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

43.4127, 35.2814, 31.3099

Protanopia

33.9665, 35.4684, 36.9542

Deuteranopia

36.1323, 35.4630, 30.5318



Tritanopia

43.6472, 35.3751, 32.5446

Trichromacy



Original Color

43.4127, 35.2814, 31.3099

Protanomaly

36.7452, 34.9467, 34.9457

Deuteranomaly

38.4703, 35.2138, 30.7559

Tritanomaly

43.5684, 35.3436, 32.1295

Monochromacy



Original Color

43.4127, 35.2814, 31.3099

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

37.0848, 35.5788, 36.3653

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4127, 35.2814, 31.3099 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(219, 138, 145)` looks like.

```
.text, #text, p{  
    color:rgb(219, 138, 145)  
}
```

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(219, 138, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 138, 145) }
```

Border

The CSS property to change the border of an element to XYZ 43.4127, 35.2814, 31.3099 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(219, 138, 145) }
```


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

```
.border{ border-color:rgb(219, 138, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 138, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 138, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 138, 145);  
box-shadow:4px 4px 4px 4px rgb(219, 138,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4127, 35.2814, 31.3099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 138, 145) }
```

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

```
.background{ background-color: rgb(219,  
138, 145) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor