

Converting Colors

XYZ(44.9356, 34.2619, 38.4273)

Have a look what the booklet for
XYZ(44.9356, 34.2619, 38.4273)
contains.

XYZ(44.9356, 34.2619, 38.4273)	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(44.9356, 34.2619,
38.4273)**

Conversions

Conversions Part 1

Format	Color
Hex	DF82A2
RGB	223, 130, 162
RGB Percent	87%, 51%, 64%
CMY	0.1255, 0.4902, 0.3647
CMYK	0.00, 0.42, 0.27, 0.13
HSL	339°, 59%, 69%
HSV	339°, 42%, 87%
XYZ	44.9356, 34.2619, 38.4273
YIQ	161.4550, 45.1560, 29.6680

Conversions

Conversions Part 2

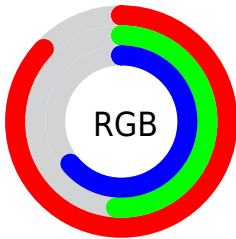
Format	Color
R _Y B	223, 130, 162
Decimal	14647970
CIE Lab	65.17, 39.64, -1.39
CIE LCh	65, 39.666, 357.993
Yxy	34.2619, 0.3820, 0.2913
Android (android.graphics.Color)	4292838050 (0xFFDF82A2)
YUV	161.4550, 0.2687, 53.9750
Hunter-Lab	58.5337, 34.5984, 2.0497

Details

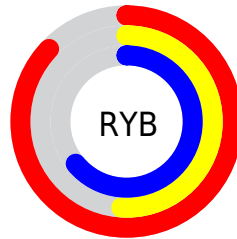
The XYZ color **44.9356, 34.2619, 38.4273** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **44.9991, 61.2835, 58.7505**, and the grayscale version is **34.0730, 35.8475, 39.0379**.

A 20% lighter version of the original color is **70.9049, 60.5507, 73.5960**, and **21.2647, 14.6816, 16.4649** is the 20% darker color. If you saturate the color by 10%, you get **41.0589, 28.4696, 31.0887**, and if you desaturate by 10%, it is **49.6083, 41.4035, 46.7782**.

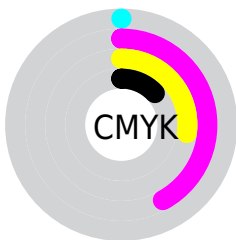
Distribution



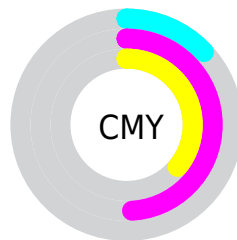
- Red (87%)
- Green (51%)
- Blue (64%)



- Red (87%)
- Yellow (51%)
- Blue (64%)



- Cyan (0%)
- Magenta (42%)
- Yellow (27%)
- Black (13%)




- Cyan (13%)
- Magenta (49%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.9356, 34.2619, 38.4273 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 44.9356, 34.2619, 38.4273 by changing the saturation by 10% instead.


 44.9356, 34.2619,
38.4273


 44.9356, 34.2619,
38.4273


357.3008,
321.2983, 354.8024


 31.6078, 23.0949,
26.0101


 81.8614, 66.3407,
73.9733

 21.2162, 14.6636,
16.6054

 106.1901, 88.0213,
97.9391

 13.3955, 8.5836,
9.7946


 134.9165,
113.9752, 126.5916

 7.7803, 4.4706,
5.1591

168.4059,
144.5869, 160.3493

 4.0053, 1.9401,
2.2806

207.0236,
180.2406, 199.6306

 1.7051, 0.5723,
0.7203

251.1351,

 0.4595, 0.0000,

221.3208, 244.8543

0.0000

301.1057,
268.2119, 296.4387

■ 0.0000, 0.0000,
0.0000

■ 44.9356, 34.2619,
38.4273

■ 44.9356, 34.2619,
38.4273

■ 41.0589, 28.4696,
31.0887

■ 49.6083, 41.4035,
46.7782

■ 37.9281, 23.9356,
24.7193

■ 55.1171, 49.9677,
56.1779

■ 35.4919, 20.5656,
19.2753

■ 61.5029, 60.0285,
66.6637

■ 33.6906, 18.2496,
14.7082

■ 68.8029, 71.6531,
78.2700

■ 32.4534, 16.8562,
10.9641

■ 77.0523, 84.9049,
91.0299

■ 31.7612, 16.2199,
8.4269

■ 83.4102, 94.0955,
104.0169

■ 84.2414, 94.4280,
108.3942

Harmonies

Analogous

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



42.8890, 34.2619, 56.7702



44.9356, 34.2619, 38.4273



43.3568, 34.2619, 24.3096

Triad

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



44.9356, 34.2619, 38.4273



27.6380, 34.2619, 15.7211



27.0401, 34.2619, 71.1870

Complementary

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



44.9356, 34.2619, 38.4273



44.9991, 61.2835, 58.7505

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.



23.7312, 34.2619, 54.2625



44.9356, 34.2619, 38.4273



24.0467, 34.2619, 22.8920

Square

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



44.9356, 34.2619, 38.4273



32.9543, 34.2619, 13.7360



22.7026, 34.2619, 36.2055



32.1786, 34.2619, 78.8341

Rectangle

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



44.9356, 34.2619, 38.4273



40.5538, 34.2619, 18.3505



22.7026, 34.2619, 36.2055



25.7008, 34.2619, 66.1885

Sweetspot

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



44.9366, 34.2636, 38.4280



82.0659, 79.3207, 88.2673



42.6511, 32.3001, 73.7986



17.1392, 16.3044, 18.1988



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.



44.9366, 34.2636, 38.4280



56.2798, 39.5225, 43.3739



44.4276, 37.2328, 25.9663



13.9009, 13.7780, 15.2484



18.7230, 9.5562, 5.2074



1.3389, 0.6788, 0.5773

Inverse Universe

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



44.9366, 34.2636, 38.4280



56.2798, 39.5225, 43.3739



45.3391, 55.7000, 78.1736



13.9009, 13.7780, 15.2484



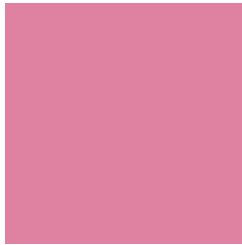
18.7230, 9.5562, 5.2074



1.3389, 0.6788, 0.5773

Previews

White Background



This preview shows how the XYZ color 44.9356, 34.2619, 38.4273 looks on a white background.

Color Contrast Check

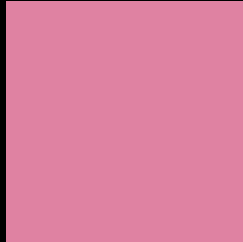
Large Text (above 18pt) WCAG AA × Fail

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 44.9356, 34.2619, 38.4273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

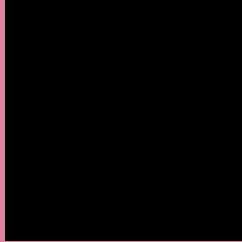
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.9356, 34.2619, 38.4273

Background



This preview shows how black text looks on a background with the XYZ color 44.9356, 34.2619, 38.4273.



This preview shows how white text looks on a background with the XYZ color 44.9356, 34.2619,

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

44.9356, 34.2619, 38.4273

Protanopia

33.7112, 34.3372, 47.4988

Deuteranopia

35.1827, 34.5785, 37.1677



Tritanopia

43.1642, 34.1304, 30.2994

Trichromacy



Original Color

44.9356, 34.2619, 38.4273

Protanomaly

36.7989, 33.5879, 44.0788

Deuteranomaly

38.1216, 33.9605, 37.3467

Tritanomaly

43.8805, 34.2341, 33.1493

Monochromacy



Original Color

44.9356, 34.2619, 38.4273

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

37.1065, 34.5762, 38.4364

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.9356, 34.2619, 38.4273 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(223, 130, 162)` looks like.

```
.text, #text, p{  
    color:rgb(223, 130, 162)  
}
```

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(223, 130, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 130, 162) }
```

Border

The CSS property to change the border of an element to XYZ 44.9356, 34.2619, 38.4273 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(223, 130, 162) }
```


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

```
.border{ border-color:rgb(223, 130, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 130, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 130, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 130, 162);  
box-shadow:4px 4px 4px 4px rgb(223, 130,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 44.9356, 34.2619, 38.4273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 130, 162) }
```

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

```
.background{ background-color: rgb(223,  
130, 162) }
```

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