

Converting Colors

XYZ(45.7236, 38.3846, 36.7598)

Have a look what the booklet for
XYZ(45.7236, 38.3846, 36.7598)
contains.

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Color

**XYZ(45.7329, 38.3618,
36.8925)**

Conversions

Conversions Part 1

Format	Color
Hex	DB939D
RGB	219, 147, 157
RGB Percent	86%, 58%, 62%
CMY	0.1412, 0.4235, 0.3843
CMYK	0.00, 0.33, 0.28, 0.14
HSL	352°, 50%, 72%
HSV	352°, 33%, 86%
XYZ	45.7329, 38.3618, 36.8925
YIQ	169.6680, 39.7020, 18.3740

Conversions

Conversions Part 2

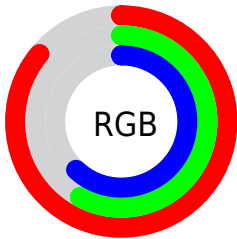
Format	Color
R_{YB}	219, 147, 157
Decimal	14390173
CIE _{Lab}	68.29, 28.50, 5.89
CIE _{LCh}	68, 29.101, 11.680
Yxy	38.3618, 0.3780, 0.3171
Android (android.graphics.Color)	4292580253 (0xFFDB939D)
YUV	169.6680, -6.2453, 43.2642
Hunter-Lab	61.9369, 23.4110, 8.0400

Details

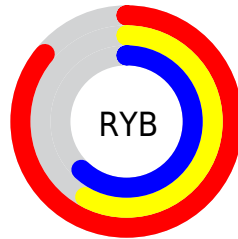
The XYZ color **45.7329, 38.3618, 36.8925** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.8744, 61.4703, 69.6136**, and the grayscale version is **38.0604, 40.0425, 43.6063**.

A 20% lighter version of the original color is **74.1184, 68.2042, 70.8863**, and **21.5940, 16.9064, 15.7608** is the 20% darker color. If you saturate the color by 10%, you get **41.1582, 31.5932, 28.0274**, and if you desaturate by 10%, it is **51.2066, 46.5300, 47.2843**.

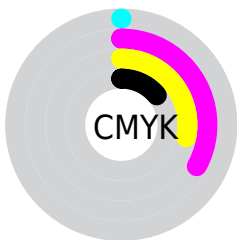
Distribution



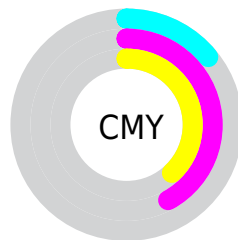
- Red (86%)
- Green (58%)
- Blue (62%)



- Red (86%)
- Yellow (58%)
- Blue (62%)



- Cyan (0%)
- Magenta (33%)
- Yellow (28%)
- Black (14%)





- Cyan (14%)
- Magenta (42%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.7329, 38.3618, 36.8925 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 45.7329, 38.3618, 36.8925 by changing the saturation by 10% instead.


 45.7329, 38.3618,
36.8925


 45.7329, 38.3618,
36.8925


360.4677,
339.1695, 347.9995

 32.2388, 26.2636,
24.8291


 83.0494, 72.6623,
71.5919

 21.7004, 17.0210,
15.7319


 107.6026, 95.6335,
95.0650

 13.7523, 10.2494,
9.1824


136.5729,
122.9977, 123.1785

 8.0291, 5.5647,
4.7619

170.3255,
155.1395, 156.3508

 4.1656, 2.5822,
2.0520

209.2260,
192.4432, 195.0005

 1.7962, 0.9177,
0.5870

253.6396,

 0.5154, 0.0000,

235.2931, 239.5462

0.0000

303.9318,
284.0737, 290.4063

■ 0.0000, 0.0000,
0.0000

■ 45.7329, 38.3618,
36.8925

■ 45.7329, 38.3618,
36.8925

■ 41.1582, 31.5932,
28.0274

■ 51.2066, 46.5300,
47.2843

■ 37.4309, 26.1402,
20.6145

■ 57.6206, 56.1644,
59.2679

■ 34.4994, 21.9188,
14.5766

■ 65.0177, 67.3342,
72.9072

■ 32.3048, 18.8324,
9.8281

■ 73.4369, 80.1024,
88.2621

■ 30.7798, 16.7705,
6.2741

■ 82.4331, 93.5640,
105.2286

■ 29.8447, 15.5998,
3.8056

■ 83.0235, 93.8001,
108.3372

■ 29.4530, 15.1559,
2.6287

Harmonies

Analogous

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



45.4281, 38.3618, 50.1637



45.7329, 38.3618, 36.8925



43.4050, 38.3618, 27.2064

Triad

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



45.7329, 38.3618, 36.8925



30.9401, 38.3618, 25.6913



33.7764, 38.3618, 70.4067

Complementary

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



45.7329, 38.3618, 36.8925



48.8744, 61.4703, 69.6136

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.



30.3014, 38.3618, 60.7766



45.7329, 38.3618, 36.8925



28.7604, 38.3618, 34.3681

Square

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



45.7329, 38.3618, 36.8925



34.7165, 38.3618, 21.6997



28.5367, 38.3618, 47.0584



38.2645, 38.3618, 71.4775

Rectangle

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



45.7329, 38.3618, 36.8925



40.7783, 38.3618, 23.3447



28.5367, 38.3618, 47.0584



32.4611, 38.3618, 67.9826

Sweetspot

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



45.7339, 38.3636, 36.8933



84.1116, 83.4612, 88.7975



49.2898, 39.4227, 72.0294



17.6991, 17.4053, 18.4432



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.



45.7339, 38.3636, 36.8933



60.2481, 47.7642, 43.7562



49.2717, 46.7495, 34.0327



13.1293, 13.0808, 13.9421



17.4878, 8.9962, 1.6829



1.1571, 0.5925, 0.2364

Inverse Universe

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



45.7339, 38.3636, 36.8933



60.2481, 47.7642, 43.7562



44.0676, 49.8136, 74.3103



13.1293, 13.0808, 13.9421



17.4878, 8.9962, 1.6829



1.1571, 0.5925, 0.2364

Previews

White Background



This preview shows how the XYZ color 45.7329, 38.3618, 36.8925 looks on a white background.

Color Contrast Check

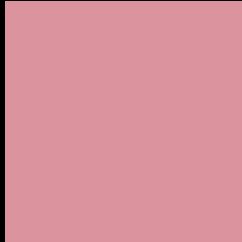
Large Text (above 18pt) WCAG AA × Fail

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 45.7329, 38.3618, 36.8925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

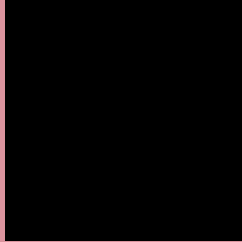
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.7329, 38.3618, 36.8925

Background



This preview shows how black text looks on a background with the XYZ color 45.7329, 38.3618, 36.8925.



This preview shows how white text looks on a background with the XYZ color 45.7329, 38.3618,

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

45.7329, 38.3618, 36.8925

Protanopia

37.0663, 38.5346, 42.5301

Deuteranopia

39.3166, 38.5142, 35.9336



Tritanopia

45.8187, 38.3961, 37.3440

Trichromacy



Original Color

45.7329, 38.3618, 36.8925

Protanomaly

39.5925, 38.0414, 40.3779

Deuteranomaly

41.3580, 38.2856, 36.2204

Tritanomaly

45.8187, 38.3961, 37.3440

Monochromacy



Original Color

45.7329, 38.3618, 36.8925

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

40.4509, 39.2486, 41.0411

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.7329, 38.3618, 36.8925 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, 147, 157)` looks like.

```
.text, #text, p{  
    color:rgb(219, 147, 157)  
}
```

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, 147, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 147, 157) }
```

Border

The CSS property to change the border of an element to XYZ 45.7329, 38.3618, 36.8925 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, 147, 157) }
```


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

```
.border{ border-color:rgb(219, 147, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 147, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 147, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 147, 157);  
box-shadow:4px 4px 4px 4px rgb(219, 147,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 45.7329, 38.3618, 36.8925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 147, 157) }
```

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

```
.background{ background-color: rgb(219,  
147, 157) }
```

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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