

Converting Colors

XYZ(44.9676, 36.1339, 38.7869)

Have a look what the booklet for
XYZ(44.9676, 36.1339, 38.7869)
contains.

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Color

**XYZ(44.9676, 36.1339,
38.7869)**

Conversions

Conversions Part 1

Format	Color
Hex	DB8BA2
RGB	219, 139, 162
RGB Percent	86%, 55%, 64%
CMY	0.1412, 0.4549, 0.3647
CMYK	0.00, 0.37, 0.26, 0.14
HSL	343°, 53%, 70%
HSV	343°, 37%, 86%
XYZ	44.9676, 36.1339, 38.7869
YIQ	165.5420, 40.2970, 24.1130

Conversions

Conversions Part 2

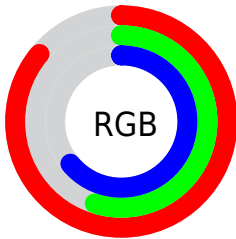
Format	Color
R _Y B	219, 139, 162
Decimal	14388130
CIE Lab	66.62, 33.47, 0.68
CIE LCh	67, 33.481, 1.155
Yxy	36.1339, 0.3751, 0.3014
Android (android.graphics.Color)	4292578210 (0xFFDB8BA2)
YUV	165.5420, -1.7462, 46.8827
Hunter-Lab	60.1115, 28.3354, 3.8212

Details

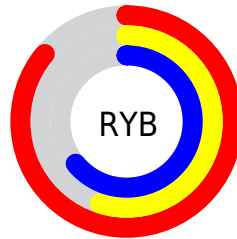
The XYZ color **44.9676, 36.1339, 38.7869** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.9444, 60.1384, 61.4138**, and the grayscale version is **36.0200, 37.8959, 41.2686**.

A 20% lighter version of the original color is **72.8343, 64.4097, 74.2392**, and **21.1230, 15.6236, 16.6542** is the 20% darker color. If you saturate the color by 10%, you get **40.8063, 29.8950, 30.9756**, and if you desaturate by 10%, it is **49.9382, 43.7154, 47.7180**.

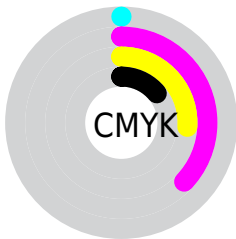
Distribution



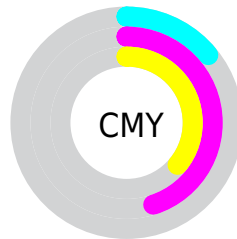
- Red (86%)
- Green (55%)
- Blue (64%)



- Red (86%)
- Yellow (55%)
- Blue (64%)



- Cyan (0%)
- Magenta (37%)
- Yellow (26%)
- Black (14%)




- Cyan (14%)
- Magenta (45%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.9676, 36.1339, 38.7869 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 44.9676, 36.1339, 38.7869 by changing the saturation by 10% instead.


 44.9676, 36.1339,
38.7869


 44.9676, 36.1339,
38.7869


357.4282,
329.5454, 356.3825


 31.6331, 24.5376,
26.2874


 81.9092, 69.2387,
74.5294

 21.2356, 15.7329,
16.8111

 106.2469, 91.5160,
98.6095

 13.4098, 9.3354,
9.9394


 134.9831,
118.1224, 127.3870

 7.7902, 4.9606,
5.2537

168.4831,
149.4424, 161.2802

 4.0117, 2.2241,
2.3355

207.1122,
185.8603, 200.7079

 1.7088, 0.7331,
0.7510

251.2359,

 0.4617, 0.0000,

227.7605, 246.0884

0.0000

301.2195,
275.5274, 297.8405

■ 0.0000, 0.0000,
0.0000

■ 44.9676, 36.1339,
38.7869

■ 44.9676, 36.1339,
38.7869

■ 40.8063, 29.8950,
30.9756

■ 49.9382, 43.7154,
47.7180

■ 37.4069, 24.9147,
24.2362

■ 55.7560, 52.7066,
57.8098

■ 34.7215, 21.1076,
18.5203

■ 62.4602, 63.1763,
69.1037

■ 32.6952, 18.3754,
13.7745

■ 70.0864, 75.1874,
81.6383

■ 31.2647, 16.6036,
9.9399

■ 78.6684, 88.7990,
95.4505

■ 30.3509, 15.6471,
6.9493

■ 83.0235, 93.8001,
108.3372

■ 30.1094, 15.4185,
6.0850

Harmonies

Analogous

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



43.5469, 36.1339, 54.3021



44.9676, 36.1339, 38.7869



43.3184, 36.1339, 26.6657

Triad

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



44.9676, 36.1339, 38.7869



29.5725, 36.1339, 20.0583



29.8798, 36.1339, 68.9894

Complementary

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



44.9676, 36.1339, 38.7869



45.9444, 60.1384, 61.4138

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.



26.7038, 36.1339, 55.5121



44.9676, 36.1339, 38.7869



26.5390, 36.1339, 27.4204

Square

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



44.9676, 36.1339, 38.7869



34.1492, 36.1339, 17.6148



25.5414, 36.1339, 39.9058



34.5399, 36.1339, 74.1077

Rectangle

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



44.9676, 36.1339, 38.7869



40.7850, 36.1339, 21.4510



25.5414, 36.1339, 39.9058



28.6199, 36.1339, 65.1468

Sweetspot

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



44.9686, 36.1356, 38.7876



83.6927, 82.1697, 90.0566



44.5258, 35.1837, 71.4624



17.6377, 17.1568, 18.8105



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.



44.9686, 36.1356, 38.7876



58.7755, 43.9422, 45.9687



45.5962, 40.3685, 29.8169



13.2092, 13.1128, 14.3629



17.8946, 9.1589, 3.8249



1.1961, 0.6081, 0.4417

Inverse Universe

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



44.9686, 36.1356, 38.7876



58.7755, 43.9422, 45.9687



44.7909, 53.3165, 74.9484



13.2092, 13.1128, 14.3629



17.8946, 9.1589, 3.8249



1.1961, 0.6081, 0.4417

Previews

White Background



This preview shows how the XYZ color 44.9676, 36.1339, 38.7869 looks on a white background.

Color Contrast Check

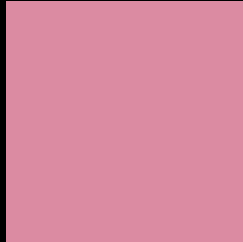
Large Text (above 18pt) WCAG AA × Fail

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 44.9676, 36.1339, 38.7869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

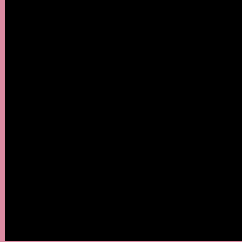
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.9676, 36.1339, 38.7869

Background



This preview shows how black text looks on a background with the XYZ color 44.9676, 36.1339, 38.7869.



This preview shows how white text looks on a background with the XYZ color 44.9676, 36.1339,

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

44.9676, 36.1339, 38.7869

Protanopia

35.3830, 36.2663, 45.6926

Deuteranopia

36.9054, 36.2009, 37.8432



Tritanopia

44.0242, 36.1895, 33.9431

Trichromacy



Original Color

44.9676, 36.1339, 38.7869

Protanomaly

38.1754, 35.7520, 42.9190

Deuteranomaly

39.4996, 35.8201, 38.0898

Tritanomaly

44.2079, 36.0282, 35.6345

Monochromacy



Original Color

44.9676, 36.1339, 38.7869

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

38.6876, 36.8078, 40.6629

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.9676, 36.1339, 38.7869 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, 139, 162)` looks like.

```
.text, #text, p{  
    color:rgb(219, 139, 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(219, 139, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 139, 162) }
```

Border

The CSS property to change the border of an element to XYZ 44.9676, 36.1339, 38.7869 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, 139, 162) }
```


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

```
.border{ border-color:rgb(219, 139, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 139, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 139, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 139, 162); box-shadow:4px 4px 4px 4px rgb(219, 139, 162) }
```

Background

The CSS property to change the background color of an element to XYZ 44.9676, 36.1339, 38.7869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 139, 162) }
```

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

```
.background{ background-color: rgb(219,  
139, 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](#).

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