

Converting Colors

XYZ(44.6641, 38.5091, 43.5496)

Have a look what the booklet for
XYZ(44.6641, 38.5091, 43.5496)
contains.

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Color

**XYZ(44.7118, 38.6288,
43.6276)**

Conversions

Conversions Part 1

Format	Color
Hex	D197AB
RGB	209, 151, 171
RGB Percent	82%, 59%, 67%
CMY	0.1804, 0.4078, 0.3294
CMYK	0.00, 0.28, 0.18, 0.18
HSL	339°, 39%, 71%
HSV	339°, 28%, 82%
XYZ	44.7118, 38.6288, 43.6276
YIQ	170.6220, 28.1480, 18.5160

Conversions

Conversions Part 2

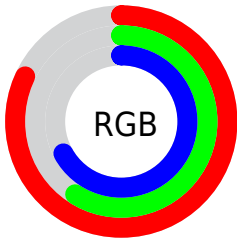
Format	Color
R _Y B	209, 151, 171
Decimal	13735851
CIE Lab	68.48, 24.72, -1.79
CIE LCh	68, 24.784, 355.864
Yxy	38.6288, 0.3521, 0.3042
Android (android.graphics.Color)	4291925931 (0xFFD197AB)
YUV	170.6220, 0.1864, 33.6575
Hunter-Lab	62.1521, 19.6456, 1.8879

Details

The XYZ color **44.7118, 38.6288, 43.6276** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.7499, 55.8554, 56.5694**, and the grayscale version is **38.5093, 40.5148, 44.1206**.

A 20% lighter version of the original color is **77.0388, 70.8936, 81.5750**, and **21.1180, 17.1256, 19.6453** is the 20% darker color. If you saturate the color by 10%, you get **40.4033, 31.9934, 36.0817**, and if you desaturate by 10%, it is **49.7540, 46.5143, 52.0862**.

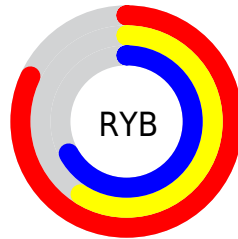
Distribution



Red (82%)

Green (59%)

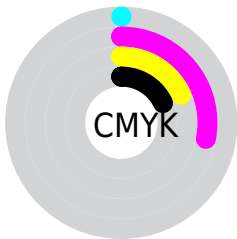
Blue (67%)



Red (82%)

Yellow (59%)

Blue (67%)

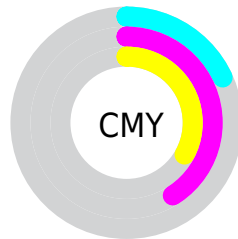


Cyan (0%)

Magenta (28%)

Yellow (18%)

Black (18%)



Cyan (18%)


Magenta (41%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.7118, 38.6288, 43.6276 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 44.7118, 38.6288, 43.6276 by changing the saturation by 10% instead.


 44.7118, 38.6288,
43.6276

 44.7118, 38.6288,
43.6276

356.4084,
340.3097, 377.1832

 31.4308, 26.4711,
30.0428


 81.5275, 73.0709,
81.9536

 21.0805, 17.1764,
19.6188

 105.7929, 96.1241,
107.5318

 13.2957, 10.3603,
11.9369


134.4505,
123.5779, 137.9450

 7.7109, 5.6385,
6.5787

167.8656,
155.8167, 173.6116

 3.9607, 2.6265,
3.1256

206.4036,
193.2248, 214.9502

 1.6799, 0.9400,
1.1591

250.4298,

 0.4437, 0.0000,

236.1868, 262.3793

0.0000

300.3097,
285.0870, 316.3174

■ 0.0000, 0.0000,
0.0000

■ 44.7118, 38.6288,
43.6276

■ 44.7118, 38.6288,
43.6276

■ 40.4033, 31.9934,
36.0817

■ 49.7540, 46.5143,
52.0862

■ 36.7897, 26.5383,
29.4140

■ 55.5596, 55.7045,
61.4855

■ 33.8333, 22.1945,
23.5913

■ 62.1609, 66.2572,
71.8551

■ 31.4915, 18.8842,
18.5768

■ 69.5871, 78.2251,
83.2227

■ 29.7162, 16.5189,
14.3310

■ 77.7044, 91.3353,
95.5610

■ 28.4517, 14.9953,
10.8101

■ 79.8107, 92.1778,
106.6524

■ 27.6206, 14.1675,
7.9610

■ 80.1047, 92.2954,
108.2006

■ 27.4663, 14.0241,
7.4004

Harmonies

Analogous

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



43.2768, 38.6288, 55.2952



44.7118, 38.6288, 43.6276



43.8829, 38.6288, 33.3720

Triad

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



44.7118, 38.6288, 43.6276



33.5413, 38.6288, 25.5478



32.6673, 38.6288, 62.4516

Complementary

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



44.7118, 38.6288, 43.6276



44.7499, 55.8554, 56.5694

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.



30.3744, 38.6288, 52.1388



44.7118, 38.6288, 43.6276



30.8534, 38.6288, 31.1260

Square

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



44.7118, 38.6288, 43.6276



37.2588, 38.6288, 24.0746



29.7344, 38.6288, 40.5308



36.1775, 38.6288, 67.3142

Rectangle

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



44.7118, 38.6288, 43.6276



42.1873, 38.6288, 28.4563



29.7344, 38.6288, 40.5308



31.7386, 38.6288, 59.4275

Sweetspot

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



44.7129, 38.6306, 43.6284



86.8059, 86.8367, 95.9021



43.4886, 37.5191, 65.2718



18.2679, 18.0905, 20.0278



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.



44.7129, 38.6306, 43.6284



66.1840, 54.4929, 61.5899



44.4006, 40.8292, 34.8210



11.9746, 11.8746, 13.1420



16.9768, 8.6636, 4.7840



0.9862, 0.4992, 0.4622

Inverse Universe

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



44.7129, 38.6306, 43.6284



66.1840, 54.4929, 61.5899



44.9963, 52.6316, 68.1094



11.9746, 11.8746, 13.1420



16.9768, 8.6636, 4.7840



0.9862, 0.4992, 0.4622

Previews

White Background



This preview shows how the XYZ color 44.7118, 38.6288, 43.6276 looks on a white background.

Color Contrast Check

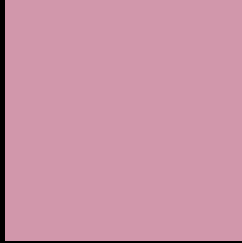
Large Text (above 18pt) WCAG AA × Fail

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 44.7118, 38.6288, 43.6276 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 44.7118, 38.6288, 43.6276

Background



This preview shows how black text looks on a background with the XYZ color 44.7118, 38.6288, 43.6276.



This preview shows how white text looks on a background with the XYZ color 44.7118, 38.6288,

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

44.7118, 38.6288, 43.6276

Protanopia

37.8108, 38.7832, 48.6731

Deuteranopia

39.6102, 38.7725, 42.9323



Tritanopia

43.9415, 38.5467, 40.2462

Trichromacy



Original Color

44.7118, 38.6288, 43.6276

Protanomaly

39.9721, 38.6091, 46.9405

Deuteranomaly

41.2208, 38.5625, 43.3009

Tritanomaly

44.2157, 38.6564, 41.6902

Monochromacy



Original Color

44.7118, 38.6288, 43.6276

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

40.6337, 39.8055, 44.0697

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.7118, 38.6288, 43.6276 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(209, 151, 171)` looks like.

```
.text, #text, p{  
    color:rgb(209, 151, 171)  
}
```

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(209, 151, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 151, 171) }
```

Border

The CSS property to change the border of an element to XYZ 44.7118, 38.6288, 43.6276 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(209, 151, 171) }
```


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

```
.border{ border-color:rgb(209, 151, 171) }
```

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

Here you see how a box with a 4 pixel rgb(209, 151, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 151, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 151, 171);  
box-shadow:4px 4px 4px 4px rgb(209, 151,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 44.7118, 38.6288, 43.6276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 151, 171) }
```

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

```
.background{ background-color: rgb(209,  
151, 171) }
```

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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