

Converting Colors

XYZ(37.8721, 37.9720, 37.6498)

Have a look what the booklet for
XYZ(37.8721, 37.9720, 37.6498)
contains.

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Color

**XYZ(37.9143, 38.0126,
37.6866)**

Conversions

Conversions Part 1

Format	Color
Hex	B4A29E
RGB	180, 162, 158
RGB Percent	71%, 64%, 62%
CMY	0.2941, 0.3647, 0.3804
CMYK	0.00, 0.10, 0.12, 0.29
HSL	11°, 13%, 66%
HSV	11°, 12%, 71%
XYZ	37.9143, 38.0126, 37.6866
YIQ	166.9260, 12.0120, 2.5720

Conversions

Conversions Part 2

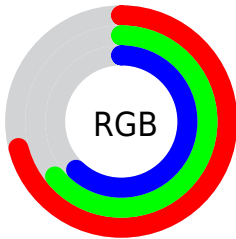
Format	Color
RYB	180, 163, 158
Decimal	11838110
CIELab	68.03, 5.87, 4.46
CIELCh	68, 7.368, 37.214
Yxy	38.0126, 0.3337, 0.3346
Android (android.graphics.Color)	4290028190 (0xFFB4A29E)
YUV	166.9260, -4.4005, 11.4659
Hunter-Lab	61.6544, 1.8733, 6.9167

Details

The XYZ color **37.9143, 38.0126, 37.6866** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.8639, 41.6142, 49.2172**, and the grayscale version is **36.7121, 38.6240, 42.0615**.

A 20% lighter version of the original color is **71.4152, 72.2627, 73.1349**, and **16.9822, 16.7254, 16.2432** is the 20% darker color. If you saturate the color by 10%, you get **34.0336, 32.5515, 29.3007**, and if you desaturate by 10%, it is **42.3279, 44.1754, 47.3707**.

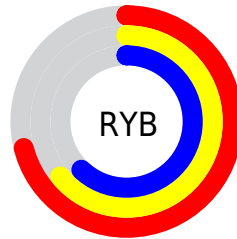
Distribution



Red (71%)

Green (64%)

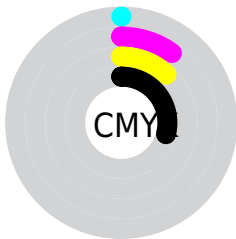
Blue (62%)



Red (71%)

Yellow (64%)

Blue (62%)

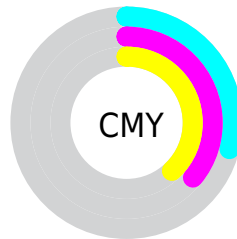


Cyan (0%)

Magenta (10%)

Yellow (12%)

Black (29%)



Cyan (29%)

Magenta (36%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.9143, 38.0126, 37.6866 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 37.9143, 38.0126, 37.6866 by changing the saturation by 10% instead.


 37.9143, 38.0126,
37.6866


 37.9143, 38.0126,
37.6866


328.5394,
337.6740, 351.5314

 26.0931, 25.9925,
25.4396


 71.2815, 72.1274,
72.8256

 17.0263, 16.8180,
16.1829


 93.5582, 94.9910,
96.5547

 10.3487, 10.1048,
9.4979


120.0508,
122.2377, 124.9482

 5.6948, 5.4685,
4.9661

151.1246,
154.2521, 158.4247

 2.6993, 2.5247,
2.1690

187.1451,
191.4185, 197.4028

 0.9968, 0.8890,
0.6564

228.4774,

 0.0000, 0.0000,

234.1214, 242.3009

0.0000

275.4871,
282.7451, 293.5376

■ 37.9143, 38.0126,
37.6866

■ 37.9143, 38.0126,
37.6866

■ 34.0336, 32.5515,
29.3007

■ 42.3279, 44.1754,
47.3707

■ 30.6623, 27.7621,
22.1552

■ 47.2902, 51.0583,
58.4025

■ 27.7798, 23.6199,
16.1919

■ 52.8207, 58.6854,
70.8318

■ 25.3631, 20.0969,
11.3466

■ 58.9365, 67.0783,
84.7051

■ 23.3871, 17.1630,
7.5491

■ 65.6544, 76.2574,
100.0670

■ 21.8242, 14.7855,
4.7213

■ 71.1677, 85.5136,
107.3626

■ 20.6438, 12.9286,
2.7740

■ 72.6326, 88.4434,
107.8509

■ 19.8103, 11.5520,
1.6011

■ 19.3597, 10.7775,
1.0599

Harmonies

Analogous

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



38.3616, 38.0126, 40.6014



37.9143, 38.0126, 37.6866



36.9905, 38.0126, 35.8363

Triad

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



37.9143, 38.0126, 37.6866



34.1350, 38.0126, 38.9916



36.4074, 38.0126, 47.9750

Complementary

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



37.9143, 38.0126, 37.6866



37.8639, 41.6142, 49.2172

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.



35.2826, 38.0126, 47.4881



37.9143, 38.0126, 37.6866



33.9863, 38.0126, 42.1873

Square

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



37.9143, 38.0126, 37.6866



34.8127, 38.0126, 36.5615



34.4023, 38.0126, 45.3268



37.4798, 38.0126, 46.6243

Rectangle

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



37.9143, 38.0126, 37.6866



36.2371, 38.0126, 35.3973



34.4023, 38.0126, 45.3268



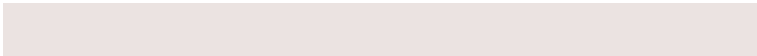
36.0228, 38.0126, 48.0220

Sweetspot

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



37.9154, 38.0143, 37.6874



75.1973, 77.9386, 82.4691



38.9192, 37.3053, 46.3973



16.1195, 16.6595, 17.5308



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



37.9154, 38.0143, 37.6874



66.5119, 65.7896, 63.4759



39.8741, 41.9319, 38.3403



8.6173, 8.7472, 8.8867



13.5484, 7.5953, 0.7520



0.4637, 0.3138, 0.0361

Inverse Universe

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



37.8639, 41.6142, 49.2172



66.3973, 73.7683, 89.0338



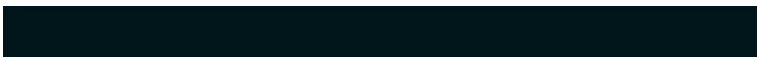
35.8546, 37.5956, 48.5474



8.6086, 9.3633, 10.8599



13.1035, 17.0073, 32.7291



0.4465, 0.6036, 1.0412

Previews

White Background



This preview shows how the XYZ color 37.9143, 38.0126, 37.6866 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 37.9143, 38.0126, 37.6866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

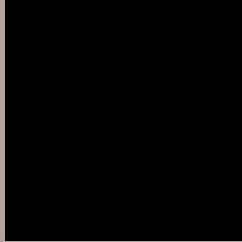
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.9143, 38.0126, 37.6866

Background



This preview shows how black text looks on a background with the XYZ color 37.9143, 38.0126, 37.6866.



This preview shows how white text looks on a background with the XYZ color 37.9143, 38.0126,

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

37.9143, 38.0126, 37.6866

Protanopia

36.3779, 37.9944, 38.6740

Deuteranopia

38.7499, 37.9245, 37.6256



Tritanopia

39.3086, 38.0653, 44.3053

Trichromacy



Original Color

37.9143, 38.0126, 37.6866

Protanomaly

36.9890, 38.0528, 38.1963

Deuteranomaly

38.4449, 38.0256, 37.6612

Tritanomaly

38.7760, 38.1035, 41.8702

Monochromacy



Original Color

37.9143, 38.0126, 37.6866

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

37.1692, 38.3613, 40.5674

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.9143, 38.0126, 37.6866 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(180, 162, 158)` looks like.

```
.text, #text, p{  
    color:rgb(180, 162, 158)  
}
```

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(180, 162, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 162, 158) }
```

Border

The CSS property to change the border of an element to XYZ 37.9143, 38.0126, 37.6866 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(180, 162, 158) }
```


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

```
.border{ border-color:rgb(180, 162, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 162, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 162, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 162, 158);  
box-shadow:4px 4px 4px 4px rgb(180, 162,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 37.9143, 38.0126, 37.6866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 162, 158) }
```

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

```
.background{ background-color: rgb(180,  
162, 158) }
```

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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