

Converting Colors

XYZ(40.1906, 41.0841, 44.6994)

Have a look what the booklet for
XYZ(40.1906, 41.0841, 44.6994)
contains.

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Color

**XYZ(40.4115, 41.3117,
44.8738)**

Conversions

Conversions Part 1

Format	Color
Hex	B3AAAC
RGB	179, 170, 172
RGB Percent	70%, 67%, 67%
CMY	0.2980, 0.3333, 0.3255
CMYK	0.00, 0.05, 0.04, 0.30
HSL	347°, 6%, 68%
HSV	347°, 5%, 70%
XYZ	40.4115, 41.3117, 44.8738
YIQ	172.9190, 4.7220, 2.5300

Conversions

Conversions Part 2

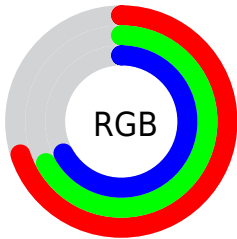
Format	Color
RYB	179, 170, 172
Decimal	11774636
CIELab	70.39, 3.59, 0.12
CIElCh	70, 3.590, 1.898
Yxy	41.3117, 0.3192, 0.3263
Android (android.graphics.Color)	4289964716 (0xFFB3AAAC)
YUV	172.9190, -0.4531, 5.3330
Hunter-Lab	64.2742, -0.2504, 3.5979

Details

The XYZ color **40.4115, 41.3117, 44.8738** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.6350, 43.9616, 47.9408**, and the grayscale version is **39.6807, 41.7472, 45.4627**.

A 20% lighter version of the original color is **75.0513, 77.0586, 83.5912**, and **18.4728, 18.7486, 20.4145** is the 20% darker color. If you saturate the color by 10%, you get **36.0137, 34.5453, 37.1511**, and if you desaturate by 10%, it is **45.4087, 49.0515, 53.4889**.

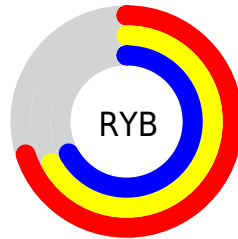
Distribution



Red (70%)

Green (67%)

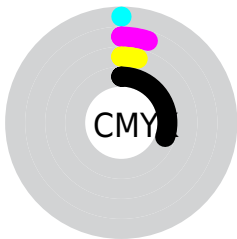
Blue (67%)



Red (70%)

Yellow (67%)

Blue (67%)

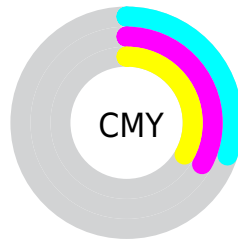


Cyan (0%)

Magenta (5%)

Yellow (4%)

Black (30%)



Cyan (30%)

Magenta (33%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.4115, 41.3117, 44.8738 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 40.4115, 41.3117, 44.8738 by changing the saturation by 10% instead.

■ 40.4115, 41.3117,
44.8738

■ 40.4115, 41.3117,
44.8738

338.9597,
351.6217, 382.4074

■ 28.0452, 28.5627,
31.0158

■ 75.0701, 77.1568,
83.8474

■ 18.5003, 18.7503,
20.3523

98.0931, 101.0218,
109.8002

■ 11.4117, 11.4900,
12.4648

125.3989,
129.3609, 140.6216

■ 6.4138, 6.3974,
6.9347

157.3531,
162.5584, 176.7302

■ 3.1413, 3.0882,
3.3435

194.3209,
200.9989, 218.5445

■ 1.2289, 1.1780,
1.2726

236.6677,

■ 0.1290, 0.0436,

245.0667, 266.4831

0.0392

284.7589,
295.1461, 320.9646

■ 0.0000, 0.0000,
0.0000

■ 40.4115, 41.3117,
44.8738

■ 40.4115, 41.3117,
44.8738

■ 36.0137, 34.5453,
37.1511

■ 45.4087, 49.0515,
53.4889

■ 32.1893, 28.7086,
30.2895

■ 51.0233, 57.7957,
63.0212

■ 28.9152, 23.7625,
24.2595

■ 57.2767, 67.5804,
73.4979

■ 26.1657, 19.6628,
19.0290

■ 64.1884, 78.4383,
84.9439

■ 23.9128, 16.3618,
14.5638

■ 70.3229, 87.4927,
96.8991

■ 22.1260, 13.8070,
10.8273

■ 72.4006, 88.3238,
107.8400

■ 20.7711, 11.9394,
7.7794

■ 19.8093, 10.6912,
5.3762

■ 19.1935, 9.9796,
3.5681

Harmonies

Analogous

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



40.2758, 41.3117, 46.5309



40.4115, 41.3117, 44.8738



40.2376, 41.3117, 43.2847

Triad

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



40.4115, 41.3117, 44.8738



38.6685, 41.3117, 42.2763



38.7330, 41.3117, 47.9118

Complementary

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



40.4115, 41.3117, 44.8738



40.6350, 43.9616, 47.9408

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.



38.3093, 41.3117, 46.7219



40.4115, 41.3117, 44.8738



38.2723, 41.3117, 43.4667

Square

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



40.4115, 41.3117, 44.8738



39.2279, 41.3117, 41.8085



38.1414, 41.3117, 45.0892



39.3032, 41.3117, 48.3109

Rectangle

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



40.4115, 41.3117, 44.8738



39.9705, 41.3117, 42.4704



38.1414, 41.3117, 45.0892



38.5689, 41.3117, 47.5896

Sweetspot

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



40.4127, 41.3135, 44.8747



74.9407, 77.9522, 84.8153



40.6214, 41.3414, 48.4870



16.6239, 17.3025, 18.8268



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.



40.4127, 41.3135, 44.8747



71.4794, 72.6049, 78.8054



40.6761, 42.1451, 44.0233



8.8528, 8.9693, 9.7323



13.4250, 6.8876, 2.1323



0.4444, 0.2255, 0.1826

Inverse Universe

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



40.4127, 41.3135, 44.8747



71.4794, 72.6049, 78.8054



40.3589, 43.0884, 48.8381



8.8528, 8.9693, 9.7323



13.4250, 6.8876, 2.1323



0.4444, 0.2255, 0.1826

Previews

White Background



This preview shows how the XYZ color 40.4115, 41.3117, 44.8738 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 40.4115, 41.3117, 44.8738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

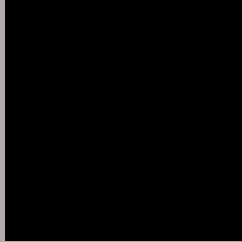
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

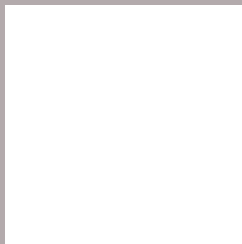
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.4115, 41.3117, 44.8738

Background



This preview shows how black text looks on a background with the XYZ color 40.4115, 41.3117, 44.8738.

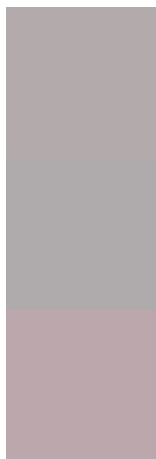


This preview shows how white text looks on a background with the XYZ color 40.4115, 41.3117,

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

40.4115, 41.3117, 44.8738

Protanopia

39.7849, 41.2569, 45.4017

Deuteranopia

42.1006, 41.3459, 45.2968



Tritanopia

41.2685, 41.0860, 50.0113

Trichromacy



Original Color

40.4115, 41.3117, 44.8738

Protanomaly

40.0102, 41.3731, 45.4122

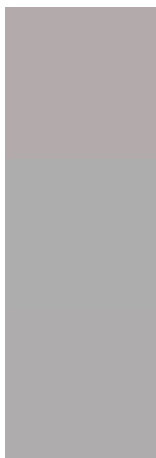
Deuteranomaly

41.5530, 41.3367, 45.3239

Tritanomaly

41.0462, 41.2936, 47.9266

Monochromacy



Original Color

40.4115, 41.3117, 44.8738

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.9745, 41.6361, 45.4649

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.4115, 41.3117, 44.8738 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(179, 170, 172)` looks like.

```
.text, #text, p{  
    color:rgb(179, 170, 172)  
}
```

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(179, 170, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 170, 172) }
```

Border

The CSS property to change the border of an element to XYZ 40.4115, 41.3117, 44.8738 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(179, 170, 172) }
```


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

```
.border{ border-color:rgb(179, 170, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 170, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 170, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 170, 172);  
box-shadow:4px 4px 4px 4px rgb(179, 170,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 40.4115, 41.3117, 44.8738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 170, 172) }
```

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

```
.background{ background-color: rgb(179,  
170, 172) }
```

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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