

Converting Colors

XYZ(41.1046, 39.4959, 44.3373)

Have a look what the booklet for
XYZ(41.1046, 39.4959, 44.3373)
contains.

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Color

**XYZ(41.1058, 39.5106,
44.4895)**

Conversions

Conversions Part 1

Format	Color
Hex	BCA2AC
RGB	188, 162, 172
RGB Percent	74%, 64%, 67%
CMY	0.2627, 0.3647, 0.3255
CMYK	0.00, 0.14, 0.09, 0.26
HSL	337°, 16%, 69%
HSV	337°, 14%, 74%
XYZ	41.1058, 39.5106, 44.4895
YIQ	170.9140, 12.2860, 8.6220

Conversions

Conversions Part 2

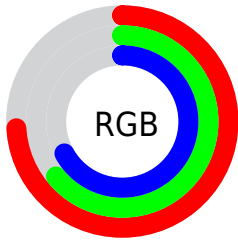
Format	Color
R _Y B	188, 162, 172
Decimal	12362412
CIE Lab	69.12, 11.22, -1.65
CIE LCh	69, 11.342, 351.625
Yxy	39.5106, 0.3286, 0.3158
Android (android.graphics.Color)	4290552492 (0xFFBCA2AC)
YUV	170.9140, 0.5354, 14.9844
Hunter-Lab	62.8575, 6.7300, 2.0357

Details

The XYZ color **41.1058, 39.5106, 44.4895** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.9210, 46.8633, 49.0106**, and the grayscale version is **38.6595, 40.6728, 44.2927**.

A 20% lighter version of the original color is **75.9862, 74.4049, 83.0297**, and **18.9578, 17.6588, 20.1786** is the 20% darker color. If you saturate the color by 10%, you get **36.9754, 32.9510, 37.8668**, and if you desaturate by 10%, it is **45.8304, 47.1026, 51.7887**.

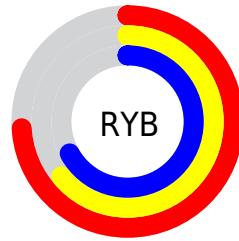
Distribution



Red (74%)

Green (64%)

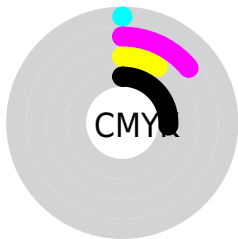
Blue (67%)



Red (74%)

Yellow (64%)

Blue (67%)

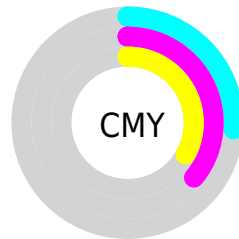


Cyan (0%)

Magenta (14%)

Yellow (9%)

Black (26%)



Cyan (26%)


Magenta (36%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.1058, 39.5106, 44.4895 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 41.1058, 39.5106, 44.4895 by changing the saturation by 10% instead.


 41.1058, 39.5106,
44.4895

 41.1058, 39.5106,
44.4895


341.8176,
344.0565, 380.8017

 28.5898, 27.1572,
30.7155


 76.1182, 74.4177,
83.2641

 18.9134, 17.6913,
20.1257


 99.3452, 97.7402,
109.1018

 11.7114, 10.7286,
12.3014


126.8734,
125.4877, 139.7979

 6.6183, 5.8846,
6.8243

159.0680,
158.0449, 175.7708

 3.2687, 2.7751,
3.2757

196.2943,
195.7959, 217.4391

 1.2974, 1.0155,
1.2371

238.9178,

 0.1813, 0.0000,

239.1253, 265.2213

0.0094

287.3038,
288.4173, 319.5360

■ 0.0000, 0.0000,
0.0000

■ 41.1058, 39.5106,
44.4895

■ 41.1058, 39.5106,
44.4895

■ 36.9754, 32.9510,
37.8668

■ 45.8304, 47.1026,
51.7887

■ 33.4113, 27.3738,
31.8977

■ 51.1686, 55.7638,
59.7810

■ 30.3887, 22.7326,
26.5618

■ 57.1433, 65.5355,
68.4859

■ 27.8794, 18.9753,
21.8365

■ 63.7750, 76.4555,
77.9210

■ 25.8523, 16.0445,
17.6978

■ 70.7619, 87.9165,
87.9964

■ 24.2731, 13.8760,
14.1197

■ 72.4402, 88.5879,
96.8343

■ 23.1024, 12.3960,
11.0738

■ 74.2284, 89.3032,
106.2508

■ 22.2932, 11.5158,
8.5281

■ 74.5493, 89.4315,
107.9406

■ 21.9186, 11.1632,
7.1806

Harmonies

Analogous

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



40.3508, 39.5106, 49.5144



41.1058, 39.5106, 44.4895



40.8853, 39.5106, 39.4480

Triad

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



41.1058, 39.5106, 44.4895



36.2847, 39.5106, 34.3981



35.4327, 39.5106, 51.3234

Complementary

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



41.1058, 39.5106, 44.4895



40.9210, 46.8633, 49.0106

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.



34.4081, 39.5106, 46.8020



41.1058, 39.5106, 44.4895



34.8888, 39.5106, 37.1204

Square

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



41.1058, 39.5106, 44.4895



38.0632, 39.5106, 33.8874



34.2123, 39.5106, 41.5839



37.0487, 39.5106, 53.6623

Rectangle

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



41.1058, 39.5106, 44.4895



40.2177, 39.5106, 36.7290



34.2123, 39.5106, 41.5839



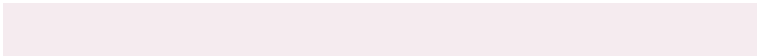
35.0099, 39.5106, 49.9920

Sweetspot

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



41.1069, 39.5123, 44.4903



82.8436, 85.0164, 93.5294



40.2673, 38.8911, 52.9620



17.6683, 18.0454, 19.8894



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



41.1069, 39.5123, 44.4903



71.7967, 67.2997, 76.3529



40.6451, 40.0680, 39.7762



9.6779, 9.5955, 10.6929



14.9570, 7.6140, 5.0673



0.6180, 0.3111, 0.3679

Inverse Universe

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



41.1069, 39.5123, 44.4903



71.7967, 67.2997, 76.3529



41.4115, 46.1789, 54.3084



9.6779, 9.5955, 10.6929



14.9570, 7.6140, 5.0673



0.6180, 0.3111, 0.3679

Previews

White Background



This preview shows how the XYZ color 41.1058, 39.5106, 44.4895 looks on a white background.

Color Contrast Check

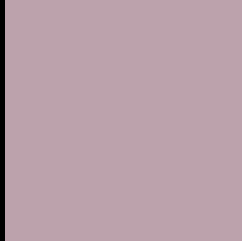
Large Text (above 18pt) WCAG AA × Fail

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 41.1058, 39.5106, 44.4895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

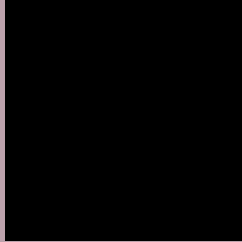
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.1058, 39.5106, 44.4895

Background



This preview shows how black text looks on a background with the XYZ color 41.1058, 39.5106, 44.4895.



This preview shows how white text looks on a background with the XYZ color 41.1058, 39.5106,

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

41.1058, 39.5106, 44.4895

Protanopia

38.3181, 39.6465, 46.1904

Deuteranopia

40.4890, 39.7198, 44.5624



Tritanopia

41.2993, 39.5880, 45.5089

Trichromacy



Original Color

41.1058, 39.5106, 44.4895

Protanomaly

39.4077, 39.6755, 45.6255

Deuteranomaly

40.5512, 39.4872, 44.5142

Tritanomaly

41.2022, 39.5492, 44.9973

Monochromacy



Original Color

41.1058, 39.5106, 44.4895

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.4848, 40.2926, 44.2243

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1058, 39.5106, 44.4895 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(188, 162, 172)` looks like.

```
.text, #text, p{  
    color:rgb(188, 162, 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(188, 162, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 162, 172) }
```

Border

The CSS property to change the border of an element to XYZ 41.1058, 39.5106, 44.4895 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(188, 162, 172) }
```


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

```
.border{ border-color:rgb(188, 162, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 162, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 162, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 162, 172);  
box-shadow:4px 4px 4px 4px rgb(188, 162,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1058, 39.5106, 44.4895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 162, 172) }
```

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

```
.background{ background-color: rgb(188,  
162, 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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