

Converting Colors

XYZ(39.3326, 38.3632, 35.9742)

Have a look what the booklet for
XYZ(39.3326, 38.3632, 35.9742)
contains.

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Color

**XYZ(39.1426, 38.1661,
35.8756)**

Conversions

Conversions Part 1

Format	Color
Hex	BCA09A
RGB	188, 160, 154
RGB Percent	74%, 63%, 60%
CMY	0.2627, 0.3725, 0.3961
CMYK	0.00, 0.15, 0.18, 0.26
HSL	11°, 20%, 67%
HSV	11°, 18%, 74%
XYZ	39.1426, 38.1661, 35.8756
YIQ	167.6880, 18.6140, 4.0700

Conversions

Conversions Part 2

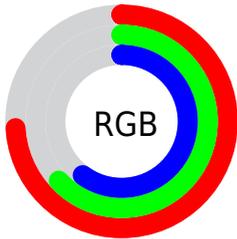
Format	Color
R_{YB}	188, 161, 154
Decimal	12361882
CIE Lab	68.14, 9.31, 6.94
CIE LCh	68, 11.613, 36.681
Yxy	38.1661, 0.3458, 0.3372
Android (android.graphics.Color)	4290551962 (0xFFBCA09A)
YUV	167.6880, -6.7482, 17.8136
Hunter-Lab	61.7787, 4.9837, 8.8147

Details

The XYZ color **39.1426, 38.1661, 35.8756** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.1312, 43.9557, 53.9992**, and the grayscale version is **37.0930, 39.0247, 42.4979**.

A 20% lighter version of the original color is **73.3418, 72.5674, 69.8159**, and **17.7483, 16.9849, 15.1749** is the 20% darker color. If you saturate the color by 10%, you get **35.1794, 32.5521, 27.4250**, and if you desaturate by 10%, it is **43.6874, 44.5500, 45.7308**.

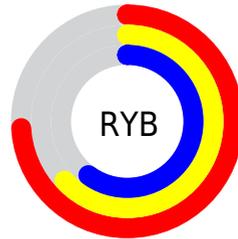
Distribution



Red (74%)

Green (63%)

Blue (60%)



Red (74%)

Yellow (63%)

Blue (60%)

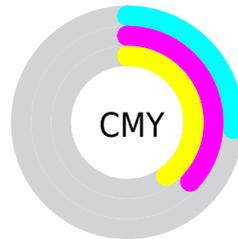


Cyan (0%)

Magenta (15%)

Yellow (18%)

Black (26%)



Cyan (26%)

Magenta (37%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.1426, 38.1661, 35.8756 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 39.1426, 38.1661, 35.8756 by changing the saturation by 10% instead.

 39.1426, 38.1661,
35.8756

 39.1426, 38.1661,
35.8756

333.6931,
338.3320, 343.4374

 27.0519, 26.1116,
24.0492

 73.1488, 72.3627,
70.0069

 17.7490, 16.9072,
15.1576

 95.7950, 95.2735,
93.1489

 10.8685, 10.1683,
8.7822

122.6904,
122.5720, 120.8998

 6.0451, 5.5107,
4.5045

154.2004,
154.6424, 153.6782

 2.9135, 2.5499,
1.9060

190.6903,
191.8693, 191.9026

 1.1082, 0.9016,
0.4966

232.5255,

 0.0319, 0.0000,

234.6369, 235.9916

0.0000

280.0713,
283.3296, 286.3637

■ 0.0000, 0.0000,
0.0000

■ 39.1426, 38.1661,
35.8756

■ 39.1426, 38.1661,
35.8756

■ 35.1794, 32.5521,
27.4250

■ 43.6874, 44.5500,
45.7308

■ 31.7710, 27.6738,
20.3126

■ 48.8328, 51.7261,
57.0482

■ 28.8932, 23.5022,
14.4703

■ 54.6009, 59.7222,
69.8850

■ 26.5187, 20.0040,
9.8227

■ 61.0119, 68.5633,
84.2946

■ 24.6178, 17.1436,
6.2866

■ 68.0848, 78.2730,
100.3279

■ 23.1574, 14.8818,
3.7682

■ 73.8788, 88.0907,
107.7171

■ 22.1000, 13.1751,
2.1577

■ 74.5492, 89.4314,
107.9406

■ 21.3947, 11.9709,
1.2864

■ 21.2885, 11.7901,
1.1537

Harmonies

Analogous

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



39.8478, 38.1661, 40.4061



39.1426, 38.1661, 35.8756



37.6726, 38.1661, 33.0493

Triad

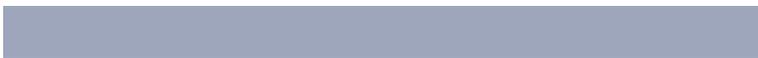
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



39.1426, 38.1661, 35.8756



33.1690, 38.1661, 37.7299



36.6826, 38.1661, 52.2769

Complementary

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



39.1426, 38.1661, 35.8756



39.1312, 43.9557, 53.9992

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.



34.9138, 38.1661, 51.4108



39.1426, 38.1661, 35.8756



32.9238, 38.1661, 42.7283

Square

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



39.1426, 38.1661, 35.8756



34.2338, 38.1661, 34.0559



33.5524, 38.1661, 47.8073



38.3973, 38.1661, 50.0844

Rectangle

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



39.1426, 38.1661, 35.8756



36.4778, 38.1661, 32.3687



33.5524, 38.1661, 47.8073



36.0744, 38.1661, 52.3364

Sweetspot

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



39.1436, 38.1678, 35.8764



81.8602, 84.4918, 88.7557



40.7731, 37.1943, 49.4674



17.4667, 17.9782, 18.7861



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

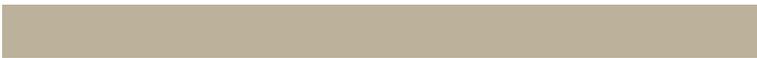
The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.1436, 38.1678, 35.8764



67.7438, 64.6547, 58.1670



42.2286, 44.3376, 36.9047



9.6628, 9.8015, 9.9592



14.5335, 8.1058, 0.7986



0.6117, 0.4024, 0.0454

Inverse Universe

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



39.1312, 43.9557, 53.9992



67.7142, 77.2325, 97.5646



35.9193, 37.5320, 52.9286



9.6614, 10.5151, 12.1926



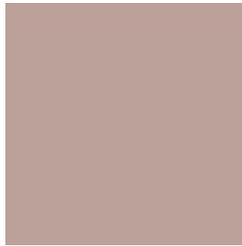
14.1872, 18.4861, 35.2133



0.5939, 0.8005, 1.3921

Previews

White Background



This preview shows how the XYZ color 39.1426, 38.1661, 35.8756 looks on a white background.

Color Contrast Check

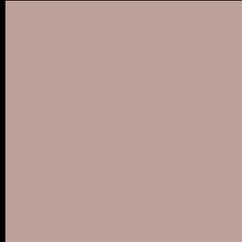
Large Text (above 18pt) WCAG AA × Fail

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 39.1426, 38.1661, 35.8756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

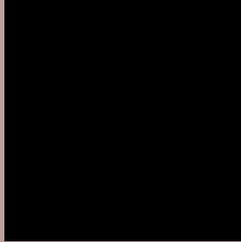
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.1426, 38.1661, 35.8756

Background



This preview shows how black text looks on a background with the XYZ color 39.1426, 38.1661, 35.8756.



This preview shows how white text looks on a background with the XYZ color 39.1426, 38.1661,

35.8756.

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

39.1426, 38.1661, 35.8756

Protanopia

36.5166, 38.3647, 37.3788

Deuteranopia

38.8971, 38.0395, 35.8641



Tritanopia

40.7178, 38.3031, 43.2774

Trichromacy



Original Color

39.1426, 38.1661, 35.8756

Protanomaly

37.4077, 38.2983, 36.8732

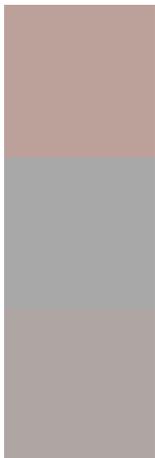
Deuteranomaly

38.8971, 38.0395, 35.8641

Tritanomaly

40.0852, 38.2954, 40.4010

Monochromacy



Original Color

39.1426, 38.1661, 35.8756

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.7452, 38.6686, 40.1247

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1426, 38.1661, 35.8756 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, 160, 154)` looks like.

```
.text, #text, p{  
    color:rgb(188, 160, 154)  
}
```

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, 160, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 160, 154) }
```

Border

The CSS property to change the border of an element to XYZ 39.1426, 38.1661, 35.8756 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, 160, 154) }
```

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

```
.border{ border-color:rgb(188, 160, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 160, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 160, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 160, 154);  
box-shadow:4px 4px 4px 4px rgb(188, 160,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1426, 38.1661, 35.8756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 160, 154) }
```

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

```
.background{ background-color: rgb(188,  
160, 154) }
```

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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