

Converting Colors

XYZ(38.0551, 36.1879, 37.1084)

Have a look what the booklet for
XYZ(38.0551, 36.1879, 37.1084)
contains.

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Color

**XYZ(38.1426, 36.3504,
37.3538)**

Conversions

Conversions Part 1

Format	Color
Hex	BA9B9E
RGB	186, 155, 158
RGB Percent	73%, 61%, 62%
CMY	0.2706, 0.3921, 0.3804
CMYK	0.00, 0.17, 0.15, 0.27
HSL	354°, 18%, 67%
HSV	354°, 17%, 73%
XYZ	38.1426, 36.3504, 37.3538
YIQ	164.6110, 17.5130, 7.5050

Conversions

Conversions Part 2

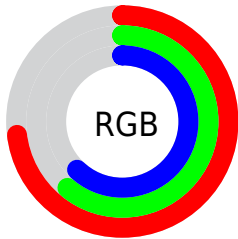
Format	Color
RYB	186, 155, 158
Decimal	12229534
CIELab	66.79, 11.96, 2.73
CIElCh	67, 12.270, 12.842
Yxy	36.3504, 0.3410, 0.3250
Android (android.graphics.Color)	4290419614 (0xFFBA9B9E)
YUV	164.6110, -3.2592, 18.7582
Hunter-Lab	60.2913, 7.4162, 5.4705

Details

The XYZ color **38.1426, 36.3504, 37.3538** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.6251, 45.5062, 51.4970**, and the grayscale version is **35.5880, 37.4413, 40.7736**.

A 20% lighter version of the original color is **71.6748, 69.7745, 72.6410**, and **17.1199, 15.8677, 16.0704** is the 20% darker color. If you saturate the color by 10%, you get **33.9337, 30.0907, 29.2968**, and if you desaturate by 10%, it is **43.0281, 43.6461, 46.6128**.

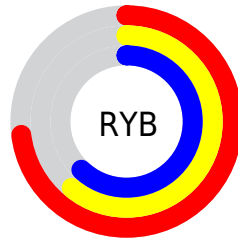
Distribution



Red (73%)

Green (61%)

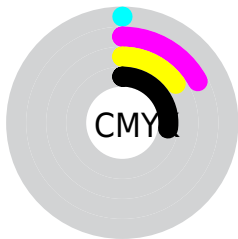
Blue (62%)



Red (73%)

Yellow (61%)

Blue (62%)

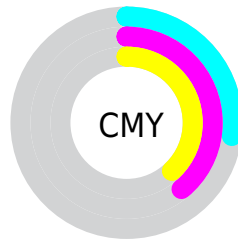


Cyan (0%)

Magenta (17%)

Yellow (15%)

Black (27%)



Cyan (27%)


Magenta (39%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.1426, 36.3504, 37.3538 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 38.1426, 36.3504, 37.3538 by changing the saturation by 10% instead.


 38.1426, 36.3504,
37.3538


 38.1426, 36.3504,
37.3538


329.5016,
330.4895, 350.0545

 26.2711, 24.7049,
25.1836


 71.6291, 69.5726,
72.3090

 17.1603, 15.8574,
15.9936


 93.9749, 91.9180,
95.9311

 10.4449, 9.4233,
9.3653


120.5428,
118.5990, 124.2075

 5.7594, 5.0183,
4.8802

151.6981,
149.9998, 157.5569

 2.7386, 2.2580,
2.1196

187.8064,
186.5049, 196.3978

 1.0171, 0.7513,
0.6274

229.2328,

 0.0000, 0.0000,

228.4986, 241.1486

0.0000

276.3427,
276.3653, 292.2280

■ 38.1426, 36.3504,
37.3538

■ 38.1426, 36.3504,
37.3538

■ 33.9337, 30.0907,
29.2968

■ 43.0281, 43.6461,
46.6128

■ 30.3686, 24.8153,
22.3901

■ 48.6151, 52.0167,
57.1178

■ 27.4164, 20.4757,
16.5821

■ 54.9309, 61.5048,
68.9136

■ 25.0424, 17.0172,
11.8158

■ 62.0004, 72.1497,
82.0418

■ 23.2085, 14.3792,
8.0294

■ 69.8473, 83.9884,
96.5425

■ 21.8718, 12.4938,
5.1546

■ 74.0599, 89.1792,
107.9177

■ 20.9830, 11.2820,
3.1140

■ 20.4778, 10.6381,
1.8159

■ 20.3589, 10.4828,
1.5219

Harmonies

Analogous

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



38.0685, 36.3504, 42.6675



38.1426, 36.3504, 37.3538



37.2296, 36.3504, 33.0366

Triad

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



38.1426, 36.3504, 37.3538



32.1827, 36.3504, 32.5571



33.5092, 36.3504, 50.1551

Complementary

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



38.1426, 36.3504, 37.3538



39.6251, 45.5062, 51.4970

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.



32.0021, 36.3504, 46.9336



38.1426, 36.3504, 37.3538



31.2552, 36.3504, 36.6440

Square

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



38.1426, 36.3504, 37.3538



33.7638, 36.3504, 30.4385



31.1903, 36.3504, 41.8917



35.3482, 36.3504, 50.3885

Rectangle

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



38.1426, 36.3504, 37.3538



36.2024, 36.3504, 31.1746



31.1903, 36.3504, 41.8917



32.9486, 36.3504, 49.3734

Sweetspot

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



38.1436, 36.3520, 37.3546



79.5064, 81.3787, 87.3472



40.0900, 37.0445, 51.4921



17.3587, 17.6966, 18.9526



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.



38.1436, 36.3520, 37.3546



66.2001, 61.5157, 62.1040



40.0593, 40.5912, 36.7359



9.0389, 9.0259, 9.5525



13.7099, 7.0577, 1.0931



0.4951, 0.2535, 0.1007

Inverse Universe

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



38.1436, 36.3520, 37.3546



66.2001, 61.5157, 62.1040



37.4407, 40.6328, 52.3243



9.0389, 9.0259, 9.5525



13.7099, 7.0577, 1.0931



0.4951, 0.2535, 0.1007

Previews

White Background



This preview shows how the XYZ color 38.1426, 36.3504, 37.3538 looks on a white background.

Color Contrast Check

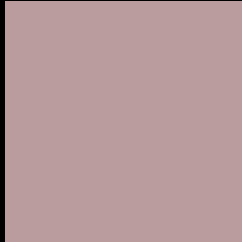
Large Text (above 18pt) WCAG AA × Fail

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 38.1426, 36.3504, 37.3538 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 38.1426, 36.3504, 37.3538

Background



This preview shows how black text looks on a background with the XYZ color 38.1426, 36.3504, 37.3538.



This preview shows how white text looks on a background with the XYZ color 38.1426, 36.3504,

37.3538.

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

38.1426, 36.3504, 37.3538

Protanopia

35.1678, 36.5563, 39.3849

Deuteranopia

37.0509, 36.2859, 37.3988



Tritanopia

38.9321, 36.4292, 41.0560

Trichromacy



Original Color

38.1426, 36.3504, 37.3538

Protanomaly

36.0647, 36.2537, 38.8151

Deuteranomaly

37.3514, 36.1906, 37.3646

Tritanomaly

38.6600, 36.3203, 39.6233

Monochromacy



Original Color

38.1426, 36.3504, 37.3538

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.5000, 36.9826, 39.3970

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.1426, 36.3504, 37.3538 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(186, 155, 158)` looks like.

```
.text, #text, p{  
    color:rgb(186, 155, 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(186, 155, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 155, 158) }
```

Border

The CSS property to change the border of an element to XYZ 38.1426, 36.3504, 37.3538 is called "border". The border property can be set on classes, ids or directly on the HTML element.

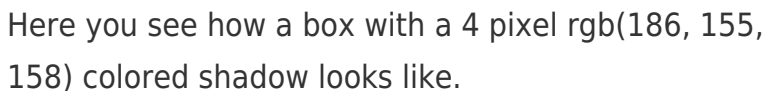
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 155, 158) }
```


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

```
.border{ border-color:rgb(186, 155, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(186, 155, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 155, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 155, 158); box-shadow:4px 4px 4px 4px rgb(186, 155, 158) }
```

Background

The CSS property to change the background color of an element to XYZ 38.1426, 36.3504, 37.3538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 155, 158) }
```

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

```
.background{ background-color: rgb(186,  
155, 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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