

Converting Colors

XYZ(38.1030, 35.8255, 35.9245)

Have a look what the booklet for
XYZ(38.1030, 35.8255, 35.9245)
contains.

XYZ(38.0467, 35.8404, 35.9230)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(38.0467, 35.8404,
35.9230)**

Conversions

Conversions Part 1

Format	Color
Hex	BC999B
RGB	188, 153, 155
RGB Percent	74%, 60%, 61%
CMY	0.2627, 0.4000, 0.3922
CMYK	0.00, 0.19, 0.18, 0.26
HSL	357°, 21%, 67%
HSV	357°, 19%, 74%
XYZ	38.0467, 35.8404, 35.9230
YIQ	163.6930, 20.2180, 8.0420

Conversions

Conversions Part 2

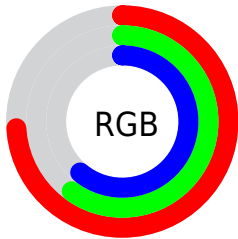
Format	Color
R_{YB}	188, 153, 155
Decimal	12360091
CIE Lab	66.40, 13.33, 3.87
CIE LCh	66, 13.880, 16.179
Yxy	35.8404, 0.3465, 0.3264
Android (android.graphics.Color)	4290550171 (0xFFBC999B)
YUV	163.6930, -4.2856, 21.3172
Hunter-Lab	59.8669, 8.6737, 6.3299

Details

The XYZ color **38.0467, 35.8404, 35.9230** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.9845, 46.2848, 53.2831**, and the grayscale version is **35.1545, 36.9853, 40.2770**.

A 20% lighter version of the original color is **71.4776, 68.6416, 69.8035**, and **17.0816, 15.5706, 15.2018** is the 20% darker color. If you saturate the color by 10%, you get **33.8276, 29.6123, 27.7028**, and if you desaturate by 10%, it is **42.9712, 43.1288, 45.4575**.

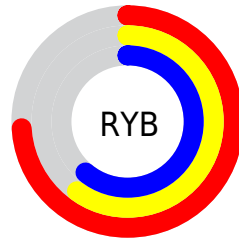
Distribution



Red (74%)

Green (60%)

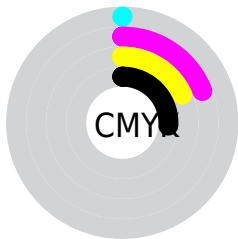
Blue (61%)



Red (74%)

Yellow (60%)

Blue (61%)

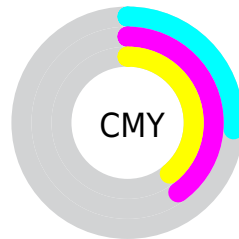


Cyan (0%)

Magenta (19%)

Yellow (18%)

Black (26%)



Cyan (26%)


Magenta (40%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.0467, 35.8404, 35.9230 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 38.0467, 35.8404, 35.9230 by changing the saturation by 10% instead.


 38.0467, 35.8404,
35.9230


 38.0467, 35.8404,
35.9230


329.0977,
328.2624, 343.6511

 26.1963, 24.3110,
24.0855


 71.4831, 68.7857,
70.0809

 17.1040, 15.5645,
15.1843


 93.7999, 90.9703,
93.2384

 10.4044, 9.2165,
8.8008

120.3362,
117.4754, 121.0063

 5.7322, 4.8827,
4.5164

151.4573,
148.6854, 153.8032

 2.7221, 2.1786,
1.9127

187.5287,
184.9847, 192.0476

 1.0085, 0.7083,
0.5008

228.9156,

 0.0000, 0.0000,

226.7577, 236.1580

0.0000

275.9835,
274.3888, 286.5530

■ 38.0467, 35.8404,
35.9230

■ 38.0467, 35.8404,
35.9230

■ 33.8276, 29.6123,
27.7028

■ 42.9712, 43.1288,
45.4575

■ 30.2789, 24.3904,
20.7372

■ 48.6281, 51.5186,
56.3581

■ 27.3667, 20.1236,
14.9652

■ 55.0469, 61.0544,
68.6764

■ 25.0535, 16.7540,
10.3196

■ 62.2543, 71.7772,
82.4608

■ 23.2975, 14.2175,
6.7270

■ 70.2758, 83.7257,
97.7573

■ 22.0516, 12.4415,
4.1049

■ 74.5492, 89.4315,
107.9406

■ 21.2610, 11.3412,
2.3585

■ 20.8413, 10.7775,
1.3687

■ 20.7980, 10.7150,
1.2804

Harmonies

Analogous

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



38.0925, 35.8404, 41.8209



38.0467, 35.8404, 35.9230



36.9061, 35.8404, 31.3395

Triad

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



38.0467, 35.8404, 35.9230



31.2641, 35.8404, 31.6279



33.1200, 35.8404, 51.2182

Complementary

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



38.0467, 35.8404, 35.9230



39.9845, 46.2848, 53.2831

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.



31.3740, 35.8404, 47.8722



38.0467, 35.8404, 35.9230



30.3323, 35.8404, 36.3549

Square

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



38.0467, 35.8404, 35.9230



32.9645, 35.8404, 29.0374



30.3717, 35.8404, 42.2987



35.1902, 35.8404, 51.0723

Rectangle

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



38.0467, 35.8404, 35.9230



35.7039, 35.8404, 29.4677



30.3717, 35.8404, 42.2987



32.4775, 35.8404, 50.4510

Sweetspot

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



38.0477, 35.8420, 35.9237



80.3312, 81.7992, 87.1192



40.6382, 36.8124, 52.5410



17.1367, 17.3858, 18.4681



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.



38.0477, 35.8420, 35.9237



65.9445, 60.5095, 59.2526



40.5233, 41.0594, 35.9284



9.5516, 9.5450, 10.0280



14.1696, 7.2990, 0.9210



0.5627, 0.2890, 0.0763

Inverse Universe

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



38.0477, 35.8420, 35.9237



65.9445, 60.5095, 59.2526



37.1270, 40.2278, 53.3853



9.5516, 9.5450, 10.0280



14.1696, 7.2990, 0.9210



0.5627, 0.2890, 0.0763

Previews

White Background



This preview shows how the XYZ color 38.0467, 35.8404, 35.9230 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 38.0467, 35.8404, 35.9230 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 38.0467, 35.8404, 35.9230

Background



This preview shows how black text looks on a background with the XYZ color 38.0467, 35.8404, 35.9230.



This preview shows how white text looks on a background with the XYZ color 38.0467, 35.8404,

35.9230.

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

38.0467, 35.8404, 35.9230

Protanopia

34.5199, 35.9923, 37.9287

Deuteranopia

36.5436, 35.8133, 35.5585



Tritanopia

38.8254, 35.9196, 39.5372

Trichromacy



Original Color

38.0467, 35.8404, 35.9230

Protanomaly

35.6320, 35.8066, 37.3811

Deuteranomaly

37.0825, 35.8431, 35.5358

Tritanomaly

38.5597, 35.8134, 38.1381

Monochromacy



Original Color

38.0467, 35.8404, 35.9230

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

36.2374, 36.5991, 38.8726

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.0467, 35.8404, 35.9230 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, 153, 155)` looks like.

```
.text, #text, p{  
    color:rgb(188, 153, 155)  
}
```

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, 153, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 153, 155) }
```

Border

The CSS property to change the border of an element to XYZ 38.0467, 35.8404, 35.9230 is called "border". The border property can be set on classes, ids or directly on the HTML element.

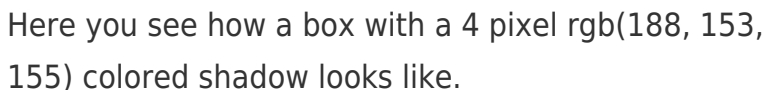
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 153, 155) }
```


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

```
.border{ border-color:rgb(188, 153, 155) }
```

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



Here you see how a box with a 4 pixel `rgb(188, 153, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 153, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 153, 155);  
box-shadow:4px 4px 4px 4px rgb(188, 153,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 38.0467, 35.8404, 35.9230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 153, 155) }
```

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

```
.background{ background-color: rgb(188,  
153, 155) }
```

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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