

Converting Colors

XYZ(38.7664, 38.3266, 43.3848)

Have a look what the booklet for
XYZ(38.7664, 38.3266, 43.3848)
contains.

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Color

**XYZ(38.7664, 38.3266,
43.3848)**

Conversions

Conversions Part 1

Format	Color
Hex	B3A2AA
RGB	179, 162, 170
RGB Percent	70%, 64%, 67%
CMY	0.2980, 0.3647, 0.3333
CMYK	0.00, 0.09, 0.05, 0.30
HSL	332°, 10%, 67%
HSV	332°, 9%, 70%
XYZ	38.7664, 38.3266, 43.3848
YIQ	167.9950, 7.5640, 6.0920

Conversions

Conversions Part 2

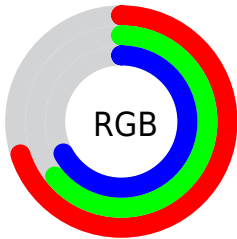
Format	Color
RYB	179, 162, 170
Decimal	11772586
CIELab	68.26, 7.61, -1.89
CIElCh	68, 7.842, 346.023
Yxy	38.3266, 0.3218, 0.3181
Android (android.graphics.Color)	4289962666 (0xFFB3A2AA)
YUV	167.9950, 0.9885, 9.6514
Hunter-Lab	61.9085, 3.4349, 1.7861

Details

The XYZ color **38.7664, 38.3266, 43.3848** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.3725, 42.8628, 44.7809**, and the grayscale version is **37.2106, 39.1484, 42.6326**.

A 20% lighter version of the original color is **72.6644, 72.7241, 81.4415**, and **17.4501, 16.8955, 19.4810** is the 20% darker color. If you saturate the color by 10%, you get **34.9707, 32.1183, 37.8544**, and if you desaturate by 10%, it is **43.0778, 45.4618, 49.4070**.

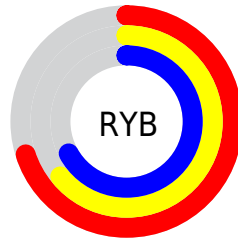
Distribution



Red (70%)

Green (64%)

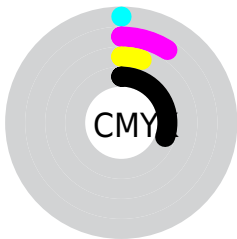
Blue (67%)



Red (70%)

Yellow (64%)

Blue (67%)

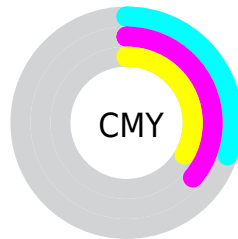


Cyan (0%)

Magenta (9%)

Yellow (5%)

Black (30%)



Cyan (30%)


Magenta (36%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.7664, 38.3266, 43.3848 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 38.7664, 38.3266, 43.3848 by changing the saturation by 10% instead.


 38.7664, 38.3266,
43.3848


 38.7664, 38.3266,
43.3848


332.1206,
339.0189, 376.1595

 26.7580, 26.2363,
29.8535


 72.5777, 72.6085,
81.5838

 17.5272, 17.0005,
19.4763


 95.1112, 95.5688,
107.0886

 10.7087, 10.2348,
11.8347


121.8838,
122.9212, 137.4216

 5.9371, 5.5549,
6.5100

153.2609,
155.0501, 173.0015

 2.8472, 2.5764,
3.0839

189.6078,
192.3400, 214.2466

 1.0735, 0.9148,
1.1376

231.2897,

 0.0027, 0.0000,

235.1751, 261.5756

0.0000

278.6722,
283.9400, 315.4071

■ 0.0000, 0.0000,
0.0000

■ 38.7664, 38.3266,
43.3848

■ 38.7664, 38.3266,
43.3848

■ 34.9707, 32.1183,
37.8544

■ 43.0778, 45.4618,
49.4070

■ 31.6672, 26.7936,
32.8000

■ 47.9207, 53.5549,
55.9312

■ 28.8353, 22.3132,
28.2082

■ 53.3142, 62.6416,
62.9708

■ 26.4519, 18.6328,
24.0640

■ 59.2755, 72.7543,
70.5375

■ 24.4915, 15.7043,
20.3518

■ 65.8210, 83.9240,
78.6428

■ 22.9262, 13.4739,
17.0544

■ 68.1977, 86.6427,
85.7080

■ 21.7242, 11.8810,
14.1532

■ 69.5415, 87.1802,
92.7842

■ 20.8485, 10.8543,
11.6275

■ 70.9584, 87.7469,
100.2455

■ 20.2282, 10.2545,
9.4449

■ 72.4006, 88.3238,
107.8400

Harmonies

Analogous

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



38.1529, 38.3266, 46.6017



38.7664, 38.3266, 43.3848



38.7437, 38.3266, 39.8935

Triad

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



38.7664, 38.3266, 43.3848



35.7808, 38.3266, 35.5669



34.8142, 38.3266, 46.7856

Complementary

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



38.7664, 38.3266, 43.3848



38.3725, 42.8628, 44.7809

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.



34.2070, 38.3266, 43.6244



38.7664, 38.3266, 43.3848



34.7565, 38.3266, 37.2123

Square

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



38.7664, 38.3266, 43.3848



37.0012, 38.3266, 35.5108



34.1861, 38.3266, 40.1201



35.8613, 38.3266, 48.6385

Rectangle

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



38.7664, 38.3266, 43.3848



38.3703, 38.3266, 37.8816



34.1861, 38.3266, 40.1201



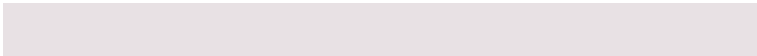
34.5530, 38.3266, 45.8330

Sweetspot

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



38.7675, 38.3283, 43.3856



74.2983, 76.6841, 84.5495



37.8058, 37.7307, 47.9385



16.3219, 16.7593, 18.5387



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.



38.7675, 38.3283, 43.3856



68.2177, 66.6497, 75.9661



38.0836, 38.1347, 39.5379



8.6572, 8.5696, 9.6934



14.3061, 7.2400, 6.7721



0.4797, 0.2396, 0.3687

Inverse Universe

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



38.7675, 38.3283, 43.3856



68.2177, 66.6497, 75.9661



39.1015, 43.0637, 48.8996



8.6572, 8.5696, 9.6934



14.3061, 7.2400, 6.7721



0.4797, 0.2396, 0.3687

Previews

White Background



This preview shows how the XYZ color 38.7664, 38.3266, 43.3848 looks on a white background.

Color Contrast Check

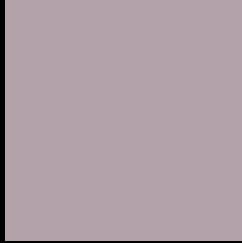
Large Text (above 18pt) WCAG AA × Fail

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 38.7664, 38.3266, 43.3848 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 38.7664, 38.3266, 43.3848

Background



This preview shows how black text looks on a background with the XYZ color 38.7664, 38.3266, 43.3848.



This preview shows how white text looks on a background with the XYZ color 38.7664, 38.3266,

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

38.7664, 38.3266, 43.3848

Protanopia

37.2311, 38.5758, 44.5133

Deuteranopia

39.0566, 38.2158, 43.3481



Tritanopia

39.2072, 38.2490, 45.3608

Trichromacy



Original Color

38.7664, 38.3266, 43.3848

Protanomaly

37.8191, 38.6212, 43.9894

Deuteranomaly

38.8230, 38.0953, 43.3372

Tritanomaly

39.1101, 38.2102, 44.8491

Monochromacy



Original Color

38.7664, 38.3266, 43.3848

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.8109, 38.9077, 43.0532

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.7664, 38.3266, 43.3848 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, 162, 170)` looks like.

```
.text, #text, p{  
    color:rgb(179, 162, 170)  
}
```

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, 162, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 162, 170) }
```

Border

The CSS property to change the border of an element to XYZ 38.7664, 38.3266, 43.3848 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, 162, 170) }
```


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

```
.border{ border-color:rgb(179, 162, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 162, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 162, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 162, 170);  
box-shadow:4px 4px 4px 4px rgb(179, 162,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 38.7664, 38.3266, 43.3848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 162, 170) }
```

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

```
.background{ background-color: rgb(179,  
162, 170) }
```

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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