

Converting Colors

XYZ(38.2643, 39.4608, 38.6793)

Have a look what the booklet for
XYZ(38.2643, 39.4608, 38.6793)
contains.

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Color

**XYZ(38.2953, 39.5226,
38.8680)**

Conversions

Conversions Part 1

Format	Color
Hex	B1A7A0
RGB	177, 167, 160
RGB Percent	69%, 65%, 63%
CMY	0.3059, 0.3451, 0.3725
CMYK	0.00, 0.06, 0.10, 0.31
HSL	25°, 10%, 66%
HSV	25°, 10%, 69%
XYZ	38.2953, 39.5226, 38.8680
YIQ	169.1920, 8.2070, -0.0570

Conversions

Conversions Part 2

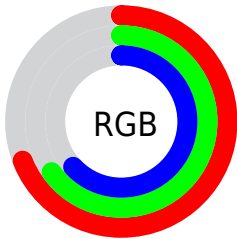
Format	Color
RYB	177, 172, 160
Decimal	11642784
CIELab	69.13, 2.36, 4.90
CIELCh	69, 5.437, 64.247
Yxy	39.5226, 0.3282, 0.3387
Android (android.graphics.Color)	4289832864 (0xFFB1A7A0)
YUV	169.1920, -4.5317, 6.8476
Hunter-Lab	62.8670, -1.2844, 7.3504

Details

The XYZ color **38.2953, 39.5226, 38.8680** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.8076, 39.3966, 47.2596**, and the grayscale version is **37.8269, 39.7968, 43.3387**.

A 20% lighter version of the original color is **71.9913, 74.4725, 74.8703**, and **17.2032, 17.6507, 16.9682** is the 20% darker color. If you saturate the color by 10%, you get **35.0255, 35.2867, 30.6749**, and if you desaturate by 10%, it is **41.9413, 44.1571, 48.2751**.

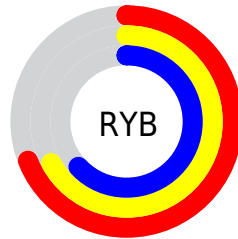
Distribution



Red (69%)

Green (65%)

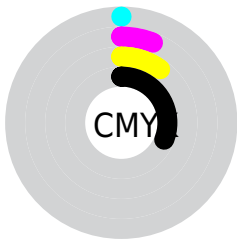
Blue (63%)



Red (69%)

Yellow (67%)

Blue (63%)

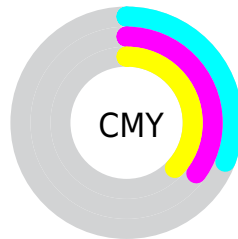


Cyan (0%)

Magenta (6%)

Yellow (10%)

Black (31%)



Cyan (31%)

Magenta (35%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.2953, 39.5226, 38.8680 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 38.2953, 39.5226, 38.8680 by changing the saturation by 10% instead.

■ 38.2953, 39.5226,
38.8680

■ 38.2953, 39.5226,
38.8680

330.1440,
344.1073, 356.7382

■ 26.3902, 27.1665,
26.3500

■ 71.8615, 74.4360,
74.6547

■ 17.2500, 17.6983,
16.8576

■ 94.2534, 97.7621,
98.7606

■ 10.5093, 10.7336,
9.9721

120.8715,
125.5137, 127.5661

■ 5.8028, 5.8880,
5.2751

152.0813,
158.0751, 161.4899

■ 2.7650, 2.7771,
2.3480

188.2481,
195.8308, 200.9504

■ 1.0308, 1.0165,
0.7579

229.7372,

■ 0.0000, 0.0000,

239.1651, 246.3663

0.0000

276.9141,
288.4625, 298.1560

■ 38.2953, 39.5226,
38.8680

■ 38.2953, 39.5226,
38.8680

■ 35.0255, 35.2867,
30.6749

■ 41.9413, 44.1571,
48.2751

■ 32.1157, 31.4334,
23.6433

■ 45.9724, 49.1955,
58.9407

■ 29.5534, 27.9529,
17.7205

■ 50.4012, 54.6495,
70.9103

■ 27.3239, 24.8332,
12.8487

■ 55.2390, 60.5287,
84.2263

■ 25.4116, 22.0616,
8.9649

■ 60.4963, 66.8426,
98.9289

■ 23.7991, 19.6243,
5.9991

■ 64.3267, 72.8574,
105.2803

■ 22.4673, 17.5067,
3.8721

■ 67.3012, 78.8063,
106.2717

■ 21.3941, 15.6923,
2.4909

■ 70.4514, 85.1067,
107.3218

■ 20.5397, 14.1573,
1.6702

■ 71.9416, 88.0872,
107.8185

Harmonies

Analogous

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



38.9624, 39.5226, 40.3977



38.2953, 39.5226, 38.8680



37.4415, 39.5226, 38.4380

Triad

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



38.2953, 39.5226, 38.8680



35.9242, 39.5226, 43.3885



38.5127, 39.5226, 47.1090

Complementary

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



38.2953, 39.5226, 38.8680



36.8076, 39.3966, 47.2596

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.



37.6888, 39.5226, 47.9812



38.2953, 39.5226, 38.8680



36.2015, 39.5226, 45.7813

Square

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



38.2953, 39.5226, 38.8680



36.0810, 39.5226, 40.9887



36.8441, 39.5226, 47.4862



39.0893, 39.5226, 45.1450

Rectangle

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



38.2953, 39.5226, 38.8680



36.8834, 39.5226, 38.8184



36.8441, 39.5226, 47.4862



38.2550, 39.5226, 47.5430

Sweetspot

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



38.2964, 39.5243, 38.8688



72.7877, 76.1422, 80.4008



37.9773, 37.3991, 43.3470



15.6604, 16.3568, 17.1293



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



38.2964, 39.5243, 38.8688



67.0000, 68.7451, 65.5901



39.8654, 42.6624, 39.3919



8.7743, 9.0612, 8.9391



14.9161, 10.3307, 1.2079



0.5274, 0.4412, 0.0574

Inverse Universe

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



36.8076, 39.3966, 47.2596



63.6706, 68.4591, 84.3534



35.3011, 36.3836, 46.7574



8.4433, 9.0328, 10.8048



9.4034, 9.6071, 31.4957



0.3517, 0.4139, 1.0096

Previews

White Background



This preview shows how the XYZ color 38.2953, 39.5226, 38.8680 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 38.2953, 39.5226, 38.8680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

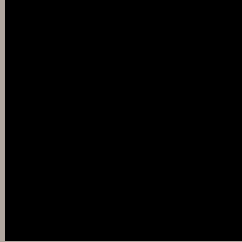
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.2953, 39.5226, 38.8680

Background



This preview shows how black text looks on a background with the XYZ color 38.2953, 39.5226, 38.8680.



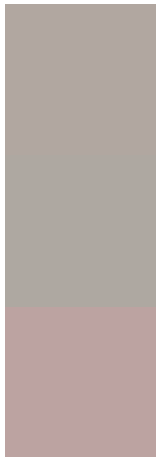
This preview shows how white text looks on a background with the XYZ color 38.2953, 39.5226,

38.8680.

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

38.2953, 39.5226, 38.8680

Protanopia

37.8912, 39.5771, 39.3603

Deuteranopia

40.2693, 39.4590, 39.2121



Tritanopia

39.8017, 39.3089, 47.0846

Trichromacy



Original Color

38.2953, 39.5226, 38.8680

Protanomaly

38.1149, 39.6924, 39.3708

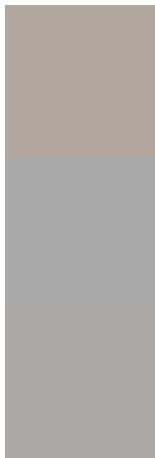
Deuteranomaly

39.4756, 39.3145, 39.2261

Tritanomaly

39.1659, 39.3155, 44.0525

Monochromacy



Original Color

38.2953, 39.5226, 38.8680

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.8988, 39.5291, 41.7088

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.2953, 39.5226, 38.8680 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(177, 167, 160)` looks like.

```
.text, #text, p{  
    color:rgb(177, 167, 160)  
}
```

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(177, 167, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 167, 160) }
```

Border

The CSS property to change the border of an element to XYZ 38.2953, 39.5226, 38.8680 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(177, 167, 160) }
```


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

```
.border{ border-color:rgb(177, 167, 160) }
```

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

Here you see how a box with a 4 pixel rgb(177, 167, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 167, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 167, 160);  
box-shadow:4px 4px 4px 4px rgb(177, 167,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 38.2953, 39.5226, 38.8680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 167, 160) }
```

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

```
.background{ background-color: rgb(177,  
167, 160) }
```

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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