

Converting Colors

XYZ(38.3885, 39.8647, 39.0934)

Have a look what the booklet for
XYZ(38.3885, 39.8647, 39.0934)
contains.

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Color

**XYZ(38.2523, 39.7734,
38.9186)**

Conversions

Conversions Part 1

Format	Color
Hex	B0A8A0
RGB	176, 168, 160
RGB Percent	69%, 66%, 63%
CMY	0.3098, 0.3412, 0.3725
CMYK	0.00, 0.05, 0.09, 0.31
HSL	30°, 9%, 66%
HSV	30°, 9%, 69%
XYZ	38.2523, 39.7734, 38.9186
YIQ	169.4800, 7.3360, -0.7920

Conversions

Conversions Part 2

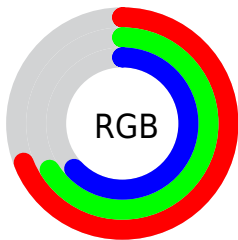
Format	Color
RYB	176, 176, 160
Decimal	11577504
CIELab	69.31, 1.45, 5.15
CIELCh	69, 5.346, 74.266
Yxy	39.7734, 0.3271, 0.3401
Android (android.graphics.Color)	4289767584 (0xFFB0A8A0)
YUV	169.4800, -4.6736, 5.7180
Hunter-Lab	63.0662, -2.0979, 7.5580

Details

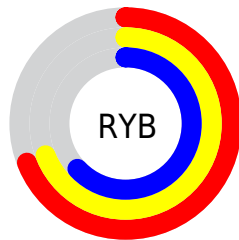
The XYZ color **38.2523, 39.7734, 38.9186** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.3363, 38.6129, 46.6127**, and the grayscale version is **37.9707, 39.9481, 43.5035**.

A 20% lighter version of the original color is **71.9321, 74.8375, 74.9438**, and **17.1741, 17.8059, 16.9997** is the 20% darker color. If you saturate the color by 10%, you get **35.2512, 36.0630, 30.8523**, and if you desaturate by 10%, it is **41.5835, 43.7942, 48.1713**.

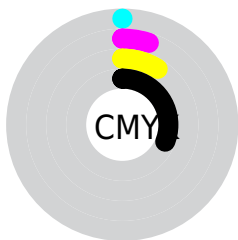
Distribution



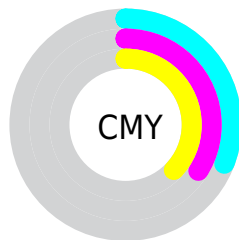
- Red (69%)
- Green (66%)
- Blue (63%)



- Red (69%)
- Yellow (69%)
- Blue (63%)



- Cyan (0%)
- Magenta (5%)
- Yellow (9%)
- Black (31%)



- Cyan (31%)
- Magenta (34%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.2523, 39.7734, 38.9186 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 38.2523, 39.7734, 38.9186 by changing the saturation by 10% instead.

■ 38.2523, 39.7734,
38.9186

■ 38.2523, 39.7734,
38.9186

329.9632,
345.1676, 356.9599

■ 26.3567, 27.3619,
26.3891

■ 71.7961, 74.8183,
74.7329

■ 17.2247, 17.8452,
16.8866

■ 94.1750, 98.2206,
98.8548

■ 10.4911, 10.8389,
9.9925

120.7790,
126.0552, 127.6778

■ 5.7905, 5.9586,
5.2885

151.9734,
158.7065, 161.6206

■ 2.7576, 2.8199,
2.3558

188.1237,
196.5591, 201.1017

■ 1.0269, 1.0385,
0.7622

229.5952,

■ 0.0000, 0.0000,

239.9972, 246.5396

0.0000

276.7533,
289.4052, 298.3528

■ 38.2523, 39.7734,
38.9186

■ 38.2523, 39.7734,
38.9186

■ 35.2512, 36.0630,
30.8523

■ 41.5835, 43.7942,
48.1713

■ 32.5657, 32.6499,
23.9211

■ 45.2521, 48.1279,
58.6538

■ 30.1849, 29.5274,
18.0738

■ 49.2694, 52.7835,
70.4102

■ 28.0958, 26.6868,
13.2543

■ 53.6452, 57.7680,
83.4819

■ 26.2847, 24.1187,
9.4010

■ 58.3886, 63.0883,
97.9082

■ 24.7364, 21.8130,
6.4461

■ 61.7542, 68.0492,
104.4878

■ 23.4337, 19.7590,
4.3127

■ 64.1350, 72.8108,
105.2814

■ 22.3572, 17.9444,
2.9104

■ 66.6393, 77.8193,
106.1161

■ 21.4721, 16.3509,
2.0703

■ 69.2688, 83.0783,
106.9926

Harmonies

Analogous

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



38.9965, 39.7734, 40.0935



38.2523, 39.7734, 38.9186



37.3986, 39.7734, 38.8894

Triad

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



38.2523, 39.7734, 38.9186



36.2279, 39.7734, 44.4805



38.9660, 39.7734, 46.7767

Complementary

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



38.2523, 39.7734, 38.9186



36.3363, 38.6129, 46.6127

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.



38.2112, 39.7734, 48.0459



38.2523, 39.7734, 38.9186



36.6350, 39.7734, 46.6866

Square

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



38.2523, 39.7734, 38.9186



36.2385, 39.7734, 42.0386



37.3581, 39.7734, 48.0123



39.4127, 39.7734, 44.5996

Rectangle

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



38.2523, 39.7734, 38.9186



36.8827, 39.7734, 39.5201



37.3581, 39.7734, 48.0123



38.7393, 39.7734, 47.3273

Sweetspot

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



38.2534, 39.7751, 38.9195



72.9527, 76.4721, 80.4558



37.5437, 37.1994, 42.2478



15.7052, 16.4464, 17.1443



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.



38.2534, 39.7751, 38.9195



68.1851, 70.6774, 67.3356



39.7755, 42.8194, 39.4268



8.8358, 9.1841, 8.9595



15.7579, 12.0145, 1.4885



0.5542, 0.4947, 0.0663

Inverse Universe

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



36.3363, 38.6129, 46.6127



63.9646, 68.1186, 84.2722



34.9050, 35.7504, 46.1356



8.3811, 8.9085, 10.7841



8.3667, 7.5339, 31.1502



0.3216, 0.3537, 0.9996

Previews

White Background



This preview shows how the XYZ color 38.2523, 39.7734, 38.9186 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 38.2523, 39.7734, 38.9186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

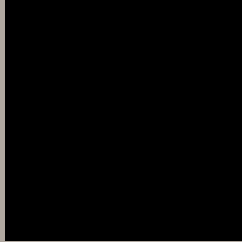
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

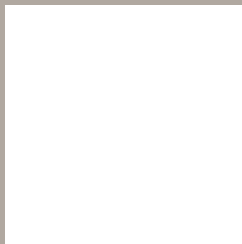
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.2523, 39.7734, 38.9186

Background



This preview shows how black text looks on a background with the XYZ color 38.2523, 39.7734, 38.9186.



This preview shows how white text looks on a background with the XYZ color 38.2523, 39.7734,

38.9186.

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

38.2523, 39.7734, 38.9186

Protanopia

37.9887, 39.9127, 38.9594

Deuteranopia

40.5165, 39.5864, 39.2237



Tritanopia

40.0814, 39.7083, 47.6714

Trichromacy



Original Color

38.2523, 39.7734, 38.9186

Protanomaly

38.2123, 40.0280, 38.9699

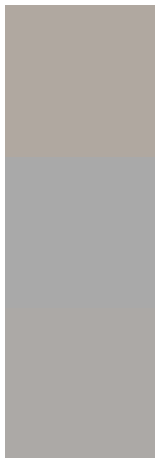
Deuteranomaly

39.6553, 39.6738, 39.2860

Tritanomaly

39.3470, 39.6777, 44.1128

Monochromacy



Original Color

38.2523, 39.7734, 38.9186

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.0842, 39.8998, 41.7706

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.2523, 39.7734, 38.9186 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(176, 168, 160)` looks like.

```
.text, #text, p{  
    color:rgb(176, 168, 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(176, 168, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 168, 160) }
```

Border

The CSS property to change the border of an element to XYZ 38.2523, 39.7734, 38.9186 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(176, 168, 160) }
```


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

```
.border{ border-color:rgb(176, 168, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 168, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 168, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 168, 160);  
box-shadow:4px 4px 4px 4px rgb(176, 168,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 38.2523, 39.7734, 38.9186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 168, 160) }
```

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

```
.background{ background-color: rgb(176,  
168, 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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