

Converting Colors

XYZ(38.7592, 39.6648, 40.8012)

Have a look what the booklet for
XYZ(38.7592, 39.6648, 40.8012)
contains.

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Color

**XYZ(38.8797, 39.7827,
40.7516)**

Conversions

Conversions Part 1

Format	Color
Hex	B2A7A4
RGB	178, 167, 164
RGB Percent	70%, 65%, 64%
CMY	0.3020, 0.3451, 0.3569
CMYK	0.00, 0.06, 0.08, 0.30
HSL	13°, 8%, 67%
HSV	13°, 8%, 70%
XYZ	38.8797, 39.7827, 40.7516
YIQ	169.9470, 7.5190, 1.3990

Conversions

Conversions Part 2

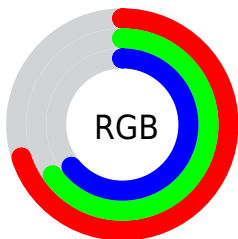
Format	Color
RYB	178, 168, 164
Decimal	11708324
CIELab	69.31, 3.43, 2.96
CIElCh	69, 4.531, 40.833
Yxy	39.7827, 0.3256, 0.3331
Android (android.graphics.Color)	4289898404 (0xFFB2A7A4)
YUV	169.9470, -2.9319, 7.0625
Hunter-Lab	63.0735, -0.3479, 5.8444

Details

The XYZ color **38.8797, 39.7827, 40.7516** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.6758, 41.7664, 48.1434**, and the grayscale version is **38.1945, 40.1836, 43.7599**.

A 20% lighter version of the original color is **72.8391, 74.8495, 77.6262**, and **17.5128, 17.7913, 17.8403** is the 20% darker color. If you saturate the color by 10%, you get **34.9592, 34.3364, 32.0612**, and if you desaturate by 10%, it is **43.3044, 45.8765, 50.7211**.

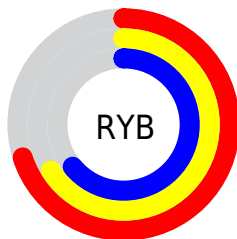
Distribution



Red (70%)

Green (65%)

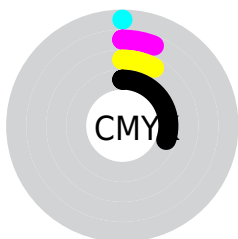
Blue (64%)



Red (70%)

Yellow (66%)

Blue (64%)

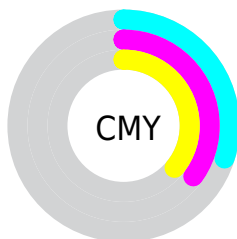


Cyan (0%)

Magenta (6%)

Yellow (8%)

Black (30%)



Cyan (30%)

Magenta (35%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.8797, 39.7827, 40.7516 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 38.8797, 39.7827, 40.7516 by changing the saturation by 10% instead.

■ 38.8797, 39.7827,
40.7516

■ 38.8797, 39.7827,
40.7516

332.5947,
345.2068, 364.9272

■ 26.8465, 27.3692,
27.8068

■ 72.7498, 74.8325,
77.5562

■ 17.5939, 17.8507,
17.9423

■ 95.3173, 98.2376,
102.2532

■ 10.7568, 10.8428,
10.7396

122.1269,
126.0752, 131.7045

■ 5.9696, 5.9612,
5.7800

153.5441,
158.7299, 166.3289

■ 2.8671, 2.8215,
2.6452

189.9341,
196.5860, 206.5448

■ 1.0839, 1.0393,
0.9156

231.6623,

■ 0.0116, 0.0000,

240.0280, 252.7708

0.0000

279.0941,
289.4401, 305.4254

■ 0.0000, 0.0000,
0.0000

■ 38.8797, 39.7827,
40.7516

■ 38.8797, 39.7827,
40.7516

■ 34.9592, 34.3364,
32.0612

■ 43.3044, 45.8765,
50.7211

■ 31.5215, 29.5110,
24.5955

■ 48.2472, 52.6327,
62.0159

■ 28.5486, 25.2859,
18.2999

■ 53.7254, 60.0725,
74.6834

■ 26.0200, 21.6373,
13.1147

■ 59.7547, 68.2144,
88.7674

■ 23.9137, 18.5398,
8.9749

■ 66.3499, 77.0762,
104.3102

■ 22.2057, 15.9661,
5.8086

■ 70.8754, 85.6152,
107.3976

■ 20.8693, 13.8864,
3.5348

■ 72.1704, 88.2051,
107.8293

■ 19.8746, 12.2679,
2.0594

■ 19.1799, 11.0707,
1.2351

Harmonies

Analogous

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



39.2018, 39.7827, 42.5686



38.8797, 39.7827, 40.7516



38.2730, 39.7827, 39.6445

Triad

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



38.8797, 39.7827, 40.7516



36.5073, 39.7827, 42.0156



38.0756, 39.7827, 47.3684

Complementary

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



38.8797, 39.7827, 40.7516



38.6758, 41.7664, 48.1434

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.



37.3552, 39.7827, 47.2087



38.8797, 39.7827, 40.7516



36.4560, 39.7827, 44.0733

Square

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



38.8797, 39.7827, 40.7516



36.9057, 39.7827, 40.3579



36.7645, 39.7827, 45.9870



38.7336, 39.7827, 46.4165

Rectangle

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



38.8797, 39.7827, 40.7516



37.7920, 39.7827, 39.4361



36.7645, 39.7827, 45.9870



37.8326, 39.7827, 47.4437

Sweetspot

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



38.8808, 39.7844, 40.7525



75.0714, 78.4424, 84.1536



39.3937, 39.1195, 46.1357



16.6514, 17.4055, 18.6878



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.



38.8808, 39.7844, 40.7525



69.5386, 70.8057, 71.7386



40.1590, 42.3409, 41.1785



8.6392, 8.7910, 8.8940



13.6757, 7.8499, 0.7944



0.4727, 0.3318, 0.0391

Inverse Universe

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



38.6758, 41.7664, 48.1434



69.1094, 74.9531, 87.2061



37.3859, 39.1867, 47.7135



8.5849, 9.3160, 10.8520



12.4883, 15.7769, 32.5240



0.4316, 0.5738, 1.0362

Previews

White Background



This preview shows how the XYZ color 38.8797, 39.7827, 40.7516 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 38.8797, 39.7827, 40.7516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

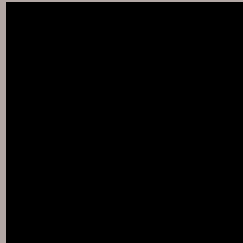
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.8797, 39.7827, 40.7516

Background



This preview shows how black text looks on a background with the XYZ color 38.8797, 39.7827, 40.7516.



This preview shows how white text looks on a background with the XYZ color 38.8797, 39.7827,

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

38.8797, 39.7827, 40.7516

Protanopia

38.0277, 39.6061, 41.2378

Deuteranopia

40.5605, 39.8323, 41.1479



Tritanopia

40.3134, 39.8279, 47.6823

Trichromacy



Original Color

38.8797, 39.7827, 40.7516

Protanomaly

38.4734, 39.8358, 41.2586

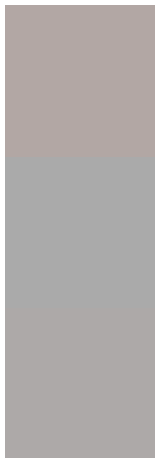
Deuteranomaly

40.0138, 39.8172, 41.1738

Tritanomaly

39.7694, 39.8733, 45.1354

Monochromacy



Original Color

38.8797, 39.7827, 40.7516

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.4894, 40.0873, 42.7548

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.8797, 39.7827, 40.7516 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(178, 167, 164)` looks like.

```
.text, #text, p{  
    color:rgb(178, 167, 164)  
}
```

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(178, 167, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 167, 164) }
```

Border

The CSS property to change the border of an element to XYZ 38.8797, 39.7827, 40.7516 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(178, 167, 164) }
```


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

```
.border{ border-color:rgb(178, 167, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 167, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 167, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 167, 164);  
box-shadow:4px 4px 4px 4px rgb(178, 167,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 38.8797, 39.7827, 40.7516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 167, 164) }
```

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

```
.background{ background-color: rgb(178,  
167, 164) }
```

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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