

Converting Colors

XYZ(38.6440, 38.2920, 27.7601)

Have a look what the booklet for
XYZ(38.6440, 38.2920, 27.7601)
contains.

| | |
|--|----|
| XYZ(38.7862, 38.4174, 27.9253) | 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(38.7862, 38.4174,
27.9253)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C0A186 |
| RGB | 192, 161, 134 |
| RGB Percent | 75%, 63%, 53% |
| CMY | 0.2471, 0.3686, 0.4745 |
| CMYK | 0.00, 0.16, 0.30, 0.25 |
| HSL | 28°, 32%, 64% |
| HSV | 28°, 30%, 75% |
| XYZ | 38.7862, 38.4174, 27.9253 |
| YIQ | 167.1910, 27.1430, -1.8250 |

Conversions

Conversions Part 2

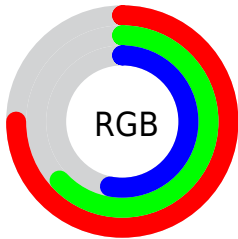
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 192, 185, 134 |
| Decimal | 12624262 |
| CIE Lab | 68.33, 7.39, 18.32 |
| CIE LCh | 68, 19.755, 68.043 |
| Yxy | 38.4174, 0.3689, 0.3654 |
| Android (android.graphics.Color) | 4290814342 (0xFFC0A186) |
| YUV | 167.1910, -16.3632, 21.7575 |
| Hunter-Lab | 61.9818, 3.2315, 16.6747 |

Details

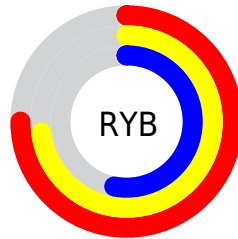
The XYZ color **38.7862, 38.4174, 27.9253** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **32.8008, 35.7835, 55.0475**, and the grayscale version is **36.8925, 38.8138, 42.2682**.

A 20% lighter version of the original color is **72.5924, 72.8393, 57.2471**, and **17.6574, 17.1952, 10.7759** is the 20% darker color. If you saturate the color by 10%, you get **35.8469, 34.4906, 20.9278**, and if you desaturate by 10%, it is **42.1179, 42.7393, 36.2539**.

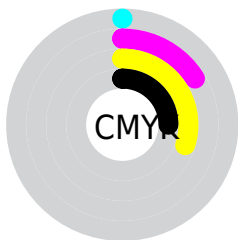
Distribution



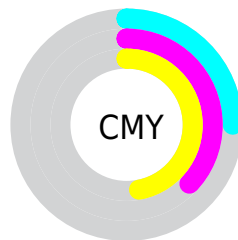
- Red (75%)
- Green (63%)
- Blue (53%)



- Red (75%)
- Yellow (73%)
- Blue (53%)



- Cyan (0%)
- Magenta (16%)
- Yellow (30%)
- Black (25%)





- Cyan (25%)
- Magenta (37%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.7862, 38.4174, 27.9253 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 38.7862, 38.4174, 27.9253 by changing the saturation by 10% instead.


 38.7862, 38.4174,
27.9253


 38.7862, 38.4174,
27.9253


332.2035,
339.4071, 306.0105


 26.7734, 26.3068,
18.0308


 72.6078, 72.7475,
57.3868

 17.5388, 17.0533,
10.8024


 95.1472, 95.7357,
77.7909

 10.7171, 10.2725,
5.8216


 121.9263,
123.1186, 102.5353

 5.9428, 5.5800,
2.6699

153.3104,
155.2806, 132.0385

 2.8507, 2.5914,
0.9282

189.6648,
192.6061, 166.7191

 1.0753, 0.9224,
0.0000

231.3549,

 0.0043, 0.0000,

235.4794, 206.9956

0.0000

278.7460,
284.2849, 253.2866

■ 0.0000, 0.0000,
0.0000

■ 38.7862, 38.4174,
27.9253

■ 38.7862, 38.4174,
27.9253

■ 35.8469, 34.4906,
20.9278

■ 42.1179, 42.7393,
36.2539

■ 33.2802, 30.9414,
15.1886

■ 45.8545, 47.4628,
45.9766

■ 31.0691, 27.7584,
10.6312


■ 50.0116, 52.6006,
57.1550


■ 29.1937, 24.9276,
7.1701


■ 54.6031, 58.1633,
69.8464


■ 27.6319, 22.4338,
4.7076


■ 59.6423, 64.1614,
84.1050


 26.3578, 20.2601,
3.1286

 65.1416, 70.6044,
99.9822

 25.3434, 18.4167,
2.2190

 68.8793, 76.6085,
105.7643

 71.8663, 82.5825,
106.7600

 75.0249, 88.8997,
107.8129

Harmonies

Analogous

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



41.4068, 38.4174, 32.1778



38.7862, 38.4174, 27.9253



35.6879, 38.4174, 27.1167

Triad

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



38.7862, 38.4174, 27.9253



30.9311, 38.4174, 44.2614



40.3078, 38.4174, 56.7462

Complementary

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



38.7862, 38.4174, 27.9253



32.8008, 35.7835, 55.0475

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.



37.3540, 38.4174, 61.0860



38.7862, 38.4174, 27.9253



32.0237, 38.4174, 53.2419

Square

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



38.7862, 38.4174, 27.9253



31.2665, 38.4174, 35.7731



34.3334, 38.4174, 59.7203



42.3193, 38.4174, 48.5347

Rectangle

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



38.7862, 38.4174, 27.9253



33.7865, 38.4174, 28.5138



34.3334, 38.4174, 59.7203



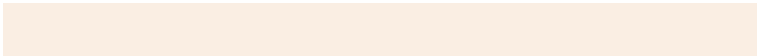
39.3857, 38.4174, 58.7555

Sweetspot

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



38.7872, 38.4192, 27.9261



83.8499, 86.9536, 85.3337



37.1375, 31.0066, 40.0562



17.7627, 18.3724, 17.7084



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



38.7872, 38.4192, 27.9261



66.8068, 64.9988, 42.2533



44.2607, 49.3662, 29.7506



10.4511, 10.8336, 10.6021



17.1297, 12.5452, 1.5186



0.8090, 0.6799, 0.0886

Inverse Universe

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



32.8008, 35.7835, 55.0475



54.2834, 59.4816, 98.9803



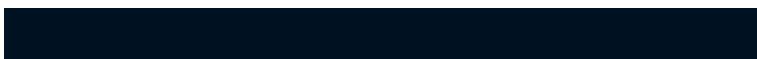
28.2778, 26.7375, 53.5399



9.9640, 10.6193, 12.8094



9.7184, 9.1932, 34.8189



0.4884, 0.5341, 1.5272

Previews

White Background



This preview shows how the XYZ color 38.7862, 38.4174, 27.9253 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 38.7862, 38.4174, 27.9253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

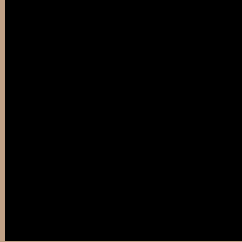
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.7862, 38.4174, 27.9253

Background



This preview shows how black text looks on a background with the XYZ color 38.7862, 38.4174, 27.9253.



This preview shows how white text looks on a background with the XYZ color 38.7862, 38.4174,

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

38.7862, 38.4174, 27.9253

Protanopia

36.0561, 38.3087, 29.1609

Deuteranopia

39.1220, 38.3322, 27.8912



Tritanopia

41.7213, 38.3398, 42.2472

Trichromacy



Original Color

38.7862, 38.4174, 27.9253

Protanomaly

37.0108, 38.2736, 28.7294

Deuteranomaly

38.8662, 38.2003, 27.8792

Tritanomaly

40.7333, 38.4561, 36.7284

Monochromacy



Original Color

38.7862, 38.4174, 27.9253

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

37.2760, 38.5069, 36.4783

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.7862, 38.4174, 27.9253 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(192, 161, 134)` looks like.

```
.text, #text, p{  
    color:rgb(192, 161, 134)  
}
```

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(192, 161, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 161, 134) }
```

Border

The CSS property to change the border of an element to XYZ 38.7862, 38.4174, 27.9253 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(192, 161, 134) }
```


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

```
.border{ border-color:rgb(192, 161, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 161, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 161, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 161, 134);  
box-shadow:4px 4px 4px 4px rgb(192, 161,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 38.7862, 38.4174, 27.9253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 161, 134) }
```

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

```
.background{ background-color: rgb(192,  
161, 134) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor