

Converting Colors

XYZ(38.7593, 40.3905, 22.8940)

Have a look what the booklet for
XYZ(38.7593, 40.3905, 22.8940)
contains.

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Color

**XYZ(38.7585, 40.3896,
22.8927)**

Conversions

Conversions Part 1

Format	Color
Hex	BFA876
RGB	191, 168, 118
RGB Percent	75%, 66%, 46%
CMY	0.2510, 0.3412, 0.5372
CMYK	0.00, 0.12, 0.38, 0.25
HSL	41°, 36%, 61%
HSV	41°, 38%, 75%
XYZ	38.7585, 40.3896, 22.8927
YIQ	169.1770, 29.7580, -10.6740

Conversions

Conversions Part 2

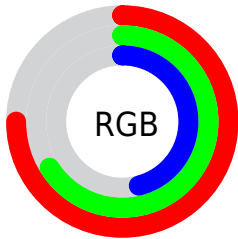
Format	Color
RYB	152, 191, 118
Decimal	12560502
CIELab	69.75, 1.18, 28.91
CIElCh	70, 28.937, 87.660
Yxy	40.3896, 0.3798, 0.3958
Android (android.graphics.Color)	4290750582 (0xFFBFA876)
YUV	169.1770, -25.2303, 19.1388
Hunter-Lab	63.5528, -2.3569, 23.1298

Details

The XYZ color **38.7585, 40.3896, 22.8927** is a light color, and the websafe version is hex **999966**. A complement of this color would be **26.3998, 26.6621, 53.0451**, and the grayscale version is **37.9112, 39.8855, 43.4354**.

A 20% lighter version of the original color is **72.4498, 75.6721, 49.3157**, and **17.4729, 18.1547, 8.2135** is the 20% darker color. If you saturate the color by 10%, you get **36.6515, 37.8118, 17.1464**, and if you desaturate by 10%, it is **41.1487, 43.1659, 29.8682**.

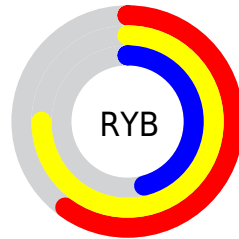
Distribution



Red (75%)

Green (66%)

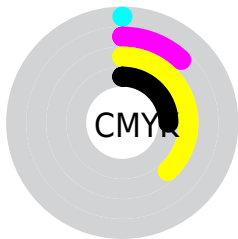
Blue (46%)



Red (60%)

Yellow (75%)

Blue (46%)

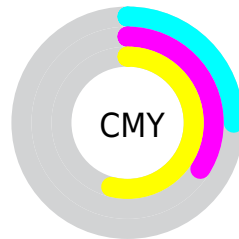


Cyan (0%)

Magenta (12%)

Yellow (38%)

Black (25%)



Cyan (25%)

Magenta (34%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.7585, 40.3896, 22.8927 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 38.7585, 40.3896, 22.8927 by changing the saturation by 10% instead.


 38.7585, 40.3896,
22.8927


 38.7585, 40.3896,
22.8927


332.0875,
347.7630, 280.2774


 26.7518, 27.8424,
14.3097


 72.5657, 75.7564,
49.1380

 17.5225, 18.2069,
8.1952


 95.0969, 99.3449,
67.6375

 10.7053, 11.0986,
4.1305


 121.8669,
127.3825, 90.2796

 5.9349, 6.1332,
1.6972

153.2412,
160.2538, 117.4827

 2.8458, 2.9263,
0.3588

189.5850,
198.3431, 149.6656

 1.0728, 1.0934,
0.0000

231.2638,

 0.0021, 0.0000,

242.0348, 187.2466

0.0000

278.6428,
291.7133, 230.6444

■ 0.0000, 0.0000,
0.0000

■ 38.7585, 40.3896,
22.8927

■ 38.7585, 40.3896,
22.8927

■ 36.6515, 37.8118,
17.1464

■ 41.1487, 43.1659,
29.8682

■ 34.8102, 35.4200,
12.5531

■ 43.8327, 46.1415,
38.1380

■ 33.2193, 33.2084,
9.0319


■ 46.8239, 49.3243,
47.7656


■ 31.8606, 31.1685,
6.4902


■ 50.1340, 52.7202,
58.8094


■ 30.7128, 29.2907,
4.8196


■ 53.7742, 56.3345,
71.3246

 29.7429, 27.5605,
3.8498

 57.7548, 60.1725,
85.3632

 29.5798, 27.2642,
3.7035

 62.0860, 64.2390,
100.9749

 64.1272, 67.4790,
104.2526

 65.6984, 70.6213,
104.7763

Harmonies

Analogous

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



43.4174, 40.3896, 25.5688



38.7585, 40.3896, 22.8927



34.3537, 40.3896, 24.8412

Triad

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



38.7585, 40.3896, 22.8927



30.9438, 40.3896, 57.0872



46.5223, 40.3896, 59.2885

Complementary

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



38.7585, 40.3896, 22.8927



26.3998, 26.6621, 53.0451

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.



42.7288, 40.3896, 71.0440



38.7585, 40.3896, 22.8927



33.7648, 40.3896, 69.6020

Square

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



38.7585, 40.3896, 22.8927



30.0663, 40.3896, 42.9313



38.0221, 40.3896, 75.1541



48.1215, 40.3896, 45.0404

Rectangle

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



38.7585, 40.3896, 22.8927



32.1026, 40.3896, 28.7767



38.0221, 40.3896, 75.1541



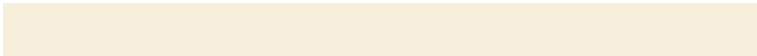
45.4470, 40.3896, 63.7640

Sweetspot

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



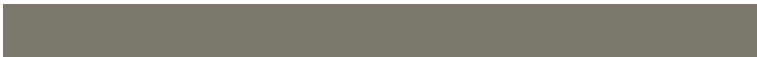
38.7595, 40.3915, 22.8935



82.2202, 86.6164, 80.1936



32.7810, 25.9602, 28.5284



17.8911, 18.8469, 17.0801



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.



38.7595, 40.3915, 22.8935



66.1750, 68.3884, 32.1094



40.1733, 47.9894, 24.2856



10.0619, 10.5997, 10.0923



19.5142, 18.0671, 2.4588



0.8205, 0.8200, 0.1150

Inverse Universe

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



26.3998, 26.6621, 53.0451



40.8701, 40.2992, 93.9036



25.3024, 21.5749, 52.1211



9.2552, 9.7027, 12.0572



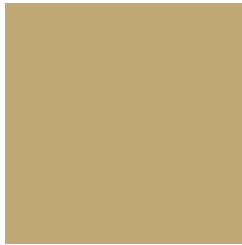
7.3124, 4.7365, 32.9217



0.3467, 0.3061, 1.3097

Previews

White Background



This preview shows how the XYZ color 38.7585, 40.3896, 22.8927 looks on a white background.

Color Contrast Check

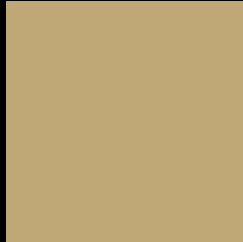
Large Text (above 18pt) WCAG AA × Fail

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 38.7585, 40.3896, 22.8927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

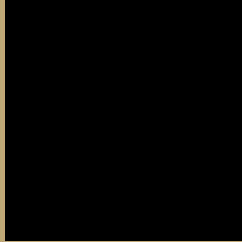
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.7585, 40.3896, 22.8927

Background



This preview shows how black text looks on a background with the XYZ color 38.7585, 40.3896, 22.8927.



This preview shows how white text looks on a background with the XYZ color 38.7585, 40.3896,

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

38.7585, 40.3896, 22.8927

Protanopia

37.4717, 40.2717, 23.2510

Deuteranopia

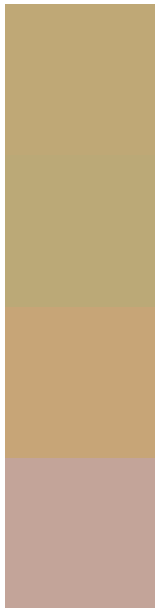
41.0556, 40.2228, 23.0527



Tritanopia

43.3137, 40.3772, 45.0459

Trichromacy



Original Color

38.7585, 40.3896, 22.8927

Protanomaly

38.0113, 40.2726, 23.2228

Deuteranomaly

40.3381, 40.3843, 23.1217

Tritanomaly

41.5309, 40.4529, 35.7563

Monochromacy



Original Color

38.7585, 40.3896, 22.8927

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.8244, 39.9251, 34.5669

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.7585, 40.3896, 22.8927 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(191, 168, 118)` looks like.

```
.text, #text, p{  
    color:rgb(191, 168, 118)  
}
```

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(191, 168, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 168, 118) }
```

Border

The CSS property to change the border of an element to XYZ 38.7585, 40.3896, 22.8927 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(191, 168, 118) }
```


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

```
.border{ border-color:rgb(191, 168, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 168, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 168, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 168, 118); box-shadow:4px 4px 4px 4px rgb(191, 168, 118) }
```

Background

The CSS property to change the background color of an element to XYZ 38.7585, 40.3896, 22.8927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 168, 118) }
```

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

```
.background{ background-color: rgb(191,  
168, 118) }
```

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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