

Converting Colors

XYZ(42.2970, 40.6559, 39.6192)

Have a look what the booklet for
XYZ(42.2970, 40.6559, 39.6192)
contains.

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Color

**XYZ(42.3027, 40.7617,
39.8206)**

Conversions

Conversions Part 1

Format	Color
Hex	C3A4A2
RGB	195, 164, 162
RGB Percent	76%, 64%, 64%
CMY	0.2353, 0.3568, 0.3647
CMYK	0.00, 0.16, 0.17, 0.24
HSL	4°, 22%, 70%
HSV	4°, 17%, 76%
XYZ	42.3027, 40.7617, 39.8206
YIQ	173.0410, 19.1180, 5.9500

Conversions

Conversions Part 2

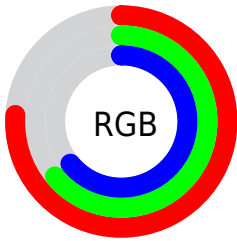
Format	Color
RYB	195, 164, 162
Decimal	12821666
CIELab	70.01, 11.02, 5.27
CIElCh	70, 12.217, 25.532
Yxy	40.7617, 0.3442, 0.3317
Android (android.graphics.Color)	4291011746 (0xFFC3A4A2)
YUV	173.0410, -5.4432, 19.2580
Hunter-Lab	63.8449, 6.5430, 7.7117

Details

The XYZ color **42.3027, 40.7617, 39.8206** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.8201, 49.7601, 58.9251**, and the grayscale version is **39.7624, 41.8331, 45.5563**.

A 20% lighter version of the original color is **78.0008, 76.3682, 76.2751**, and **19.5931, 18.3769, 17.2663** is the 20% darker color. If you saturate the color by 10%, you get **37.6570, 34.0323, 30.3730**, and if you desaturate by 10%, it is **47.6916, 48.5465, 50.8430**.

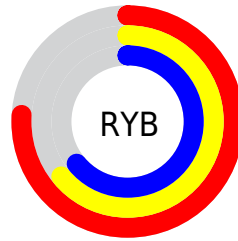
Distribution



Red (76%)

Green (64%)

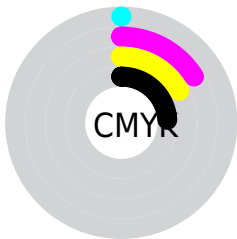
Blue (64%)



Red (76%)

Yellow (64%)

Blue (64%)

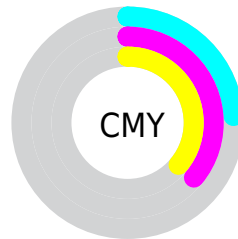


Cyan (0%)

Magenta (16%)

Yellow (17%)

Black (24%)



Cyan (24%)


Magenta (36%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.3027, 40.7617, 39.8206 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 42.3027, 40.7617, 39.8206 by changing the saturation by 10% instead.


 42.3027, 40.7617,
39.8206


 42.3027, 40.7617,
39.8206


346.7065,
349.3237, 360.8964

 29.5305, 28.1329,
27.0860


 77.9198, 76.3220,
76.1243

 19.6288, 18.4259,
17.4048


 101.4955,
100.0223, 100.5306

 12.2322, 11.2562,
10.3585

129.4031,
128.1820, 129.6644

 6.9754, 6.2394,
5.5286

162.0079,
161.1853, 163.9443

 3.4929, 2.9912,
2.4965

199.6753,
199.4168, 203.7890

 1.4195, 1.1271,
0.8383

242.7706,

 0.2700, 0.0010,

243.2607, 249.6168

0.0000

291.6592,
293.1015, 301.8465

■ 0.0000, 0.0000,
0.0000

■ 42.3027, 40.7617,
39.8206

■ 42.3027, 40.7617,
39.8206

■ 37.6570, 34.0323,
30.3730

■ 47.6916, 48.5465,
50.8430

■ 33.7187, 28.3076,
22.4260

■ 53.8506, 57.4234,
63.5047

■ 30.4539, 23.5410,
15.9030

■ 60.8098, 67.4345,
77.8699

■ 27.8251, 19.6803,
10.7198

■ 68.5962, 78.6176,
93.9984

■ 25.7905, 16.6680,
6.7835

■ 76.3158, 90.3422,
108.0233

■ 24.3037, 14.4402,
3.9890

■ 23.3113, 12.9238,
2.2142

■ 22.7466, 12.0312,
1.2957

■ 22.6353, 11.8613,
1.0964

Harmonies

Analogous

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



42.6881, 40.7617, 45.2427



42.3027, 40.7617, 39.8206



40.9511, 40.7617, 35.9394

Triad

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



42.3027, 40.7617, 39.8206



35.6701, 40.7617, 38.4594



38.4451, 40.7617, 56.2413

Complementary

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



42.3027, 40.7617, 39.8206



43.8201, 49.7601, 58.9251

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.



36.6153, 40.7617, 54.0542



42.3027, 40.7617, 39.8206



35.0483, 40.7617, 43.5334

Square

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



42.3027, 40.7617, 39.8206



37.1153, 40.7617, 35.2020



35.3884, 40.7617, 49.2803



40.4172, 40.7617, 55.0347

Rectangle

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



42.3027, 40.7617, 39.8206



39.7076, 40.7617, 34.5859



35.3884, 40.7617, 49.2803



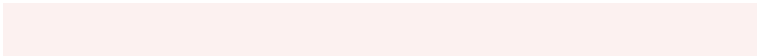
37.7937, 40.7617, 55.8738

Sweetspot

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



42.3038, 40.7635, 39.8215



87.3459, 89.7311, 95.0200



45.0911, 41.3091, 56.2542



18.9625, 19.4117, 20.4690



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



42.3038, 40.7635, 39.8215



72.8015, 68.7170, 65.2789



45.3792, 46.9142, 40.8466



10.1212, 10.1739, 10.4922



14.7334, 7.7525, 0.7199



0.6539, 0.3695, 0.0369

Inverse Universe

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



43.8201, 49.7601, 58.9251



75.9829, 87.5969, 105.3729



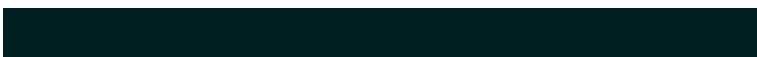
40.4436, 43.0070, 57.7996



10.3145, 11.3203, 12.9262



17.4519, 24.6602, 37.3967



0.7702, 1.0978, 1.6212

Previews

White Background



This preview shows how the XYZ color 42.3027, 40.7617, 39.8206 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 42.3027, 40.7617, 39.8206 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 42.3027, 40.7617, 39.8206

Background



This preview shows how black text looks on a background with the XYZ color 42.3027, 40.7617, 39.8206.



This preview shows how white text looks on a background with the XYZ color 42.3027, 40.7617,

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

42.3027, 40.7617, 39.8206

Protanopia

39.3503, 41.1091, 41.9373

Deuteranopia

41.4626, 40.5953, 39.8328



Tritanopia

43.6842, 40.8061, 46.1314

Trichromacy



Original Color

42.3027, 40.7617, 39.8206

Protanomaly

40.3226, 40.7892, 41.3452

Deuteranomaly

41.7149, 40.7254, 39.8446

Tritanomaly

43.1178, 40.8324, 43.6391

Monochromacy



Original Color

42.3027, 40.7617, 39.8206

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.5922, 41.4378, 43.3950

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3027, 40.7617, 39.8206 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(195, 164, 162)` looks like.

```
.text, #text, p{  
    color:rgb(195, 164, 162)  
}
```

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(195, 164, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 164, 162) }
```

Border

The CSS property to change the border of an element to XYZ 42.3027, 40.7617, 39.8206 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(195, 164, 162) }
```


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

```
.border{ border-color:rgb(195, 164, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 164, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 164, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 164, 162);  
box-shadow:4px 4px 4px 4px rgb(195, 164,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3027, 40.7617, 39.8206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 164, 162) }
```

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

```
.background{ background-color: rgb(195,  
164, 162) }
```

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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