

Converting Colors

XYZ(42.5649, 39.8324, 40.5686)

Have a look what the booklet for
XYZ(42.5649, 39.8324, 40.5686)
contains.

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Color

**XYZ(42.5603, 39.8277,
40.5663)**

Conversions

Conversions Part 1

Format	Color
Hex	C6A0A4
RGB	198, 160, 164
RGB Percent	78%, 63%, 64%
CMY	0.2235, 0.3725, 0.3569
CMYK	0.00, 0.19, 0.17, 0.22
HSL	354°, 25%, 70%
HSV	354°, 19%, 78%
XYZ	42.5603, 39.8277, 40.5663
YIQ	171.8180, 21.3640, 9.3000

Conversions

Conversions Part 2

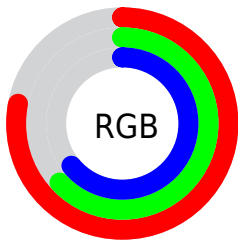
Format	Color
R_{YB}	198, 160, 164
Decimal	13017252
CIE _{Lab}	69.35, 14.65, 3.24
CIE _{LCh}	69, 15.004, 12.459
Yxy	39.8277, 0.3461, 0.3239
Android (android.graphics.Color)	4291207332 (0xFFC6A0A4)
YUV	171.8180, -3.8543, 22.9616
Hunter-Lab	63.1092, 9.9378, 6.0651

Details

The XYZ color **42.5603, 39.8277, 40.5663** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.4304, 51.7577, 58.6899**, and the grayscale version is **39.1329, 41.1708, 44.8350**.

A 20% lighter version of the original color is **78.3266, 74.9754, 77.3613**, and **19.7888, 17.8243, 17.7267** is the 20% darker color. If you saturate the color by 10%, you get **37.9073, 32.9061, 31.6635**, and if you desaturate by 10%, it is **47.9852, 47.9354, 50.8271**.

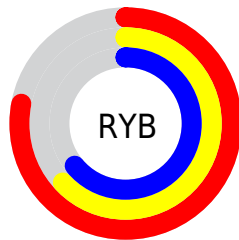
Distribution



Red (78%)

Green (63%)

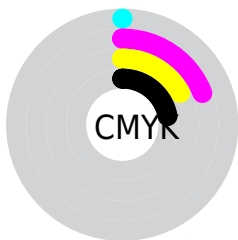
Blue (64%)



Red (78%)

Yellow (63%)

Blue (64%)

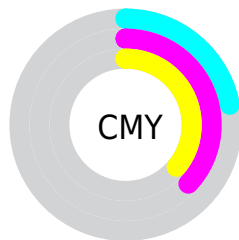


Cyan (0%)

Magenta (19%)

Yellow (17%)

Black (22%)



Cyan (22%)


Magenta (37%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.5603, 39.8277, 40.5663 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 42.5603, 39.8277, 40.5663 by changing the saturation by 10% instead.


 42.5603, 39.8277,
40.5663


 42.5603, 39.8277,
40.5663


347.7526,
345.3968, 364.1275

 29.7333, 27.4042,
27.6632


 78.3068, 74.9011,
77.2716

 19.7833, 17.8770,
17.8351


 101.9569, 98.3198,
101.9109

 12.3450, 10.8617,
10.6635


129.9456,
126.1723, 131.2993

 7.0529, 5.9739,
5.7297


162.6380,
158.8431, 165.8554

 3.5419, 2.8292,
2.6153

200.3995,
196.7166, 205.9977

 1.4464, 1.0432,
0.9003

243.5956,

 0.2889, 0.0000,

240.1771, 252.1448

0.0000

292.5915,
289.6090, 304.7153

■ 0.0000, 0.0000,
0.0000

■ 42.5603, 39.8277,
40.5663

■ 42.5603, 39.8277,
40.5663

■ 37.9073, 32.9061,
31.6635

■ 47.9852, 47.9354,
50.8271

■ 33.9877, 27.1098,
24.0593

■ 54.2112, 57.2754,
62.4968

■ 30.7651, 22.3810,
17.6937

■ 61.2705, 67.8982,
75.6269

■ 28.1983, 18.6543,
12.5008

■ 69.1922, 79.8497,
90.2655

■ 26.2420, 15.8575,
8.4087

■ 76.7130, 90.5915,
106.0281

■ 24.8448, 13.9083,
5.3376

■ 77.0988, 90.7458,
108.0599

■ 23.9471, 12.7102,
3.1967

■ 23.4536, 12.0996,
1.8716

■ 23.4226, 12.0593,
1.7942

Harmonies

Analogous

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



42.4455, 39.8277, 47.4878



42.5603, 39.8277, 40.5663



41.3761, 39.8277, 35.0130

Triad

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



42.5603, 39.8277, 40.5663



34.8136, 39.8277, 34.2967



36.4761, 39.8277, 57.2835

Complementary

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



42.5603, 39.8277, 40.5663



44.4304, 51.7577, 58.6899

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.



34.5396, 39.8277, 52.9509



42.5603, 39.8277, 40.5663



33.6081, 39.8277, 39.4892

Square

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



42.5603, 39.8277, 40.5663



36.8645, 39.8277, 31.6596



33.5100, 39.8277, 46.2908



38.8631, 39.8277, 57.6509

Rectangle

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



42.5603, 39.8277, 40.5663



40.0374, 39.8277, 32.6350



33.5100, 39.8277, 46.2908



35.7535, 39.8277, 56.2230

Sweetspot

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



42.5614, 39.8295, 40.5671



88.2353, 89.7731, 96.1389



44.9020, 40.6327, 58.9026



18.7341, 18.9875, 20.2925



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.



42.5614, 39.8295, 40.5671



71.7812, 65.1868, 64.9987



44.8808, 45.0368, 39.5874



10.6785, 10.6548, 11.2900



15.2477, 7.8486, 1.2484



0.7377, 0.3779, 0.1419

Inverse Universe

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



42.5614, 39.8295, 40.5671



71.7812, 65.1868, 64.9987



41.7147, 45.5982, 60.0291



10.6785, 10.6548, 11.2900



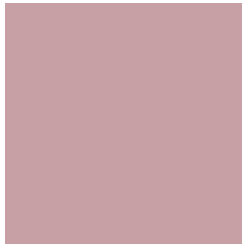
15.2477, 7.8486, 1.2484



0.7377, 0.3779, 0.1419

Previews

White Background



This preview shows how the XYZ color 42.5603, 39.8277, 40.5663 looks on a white background.

Color Contrast Check

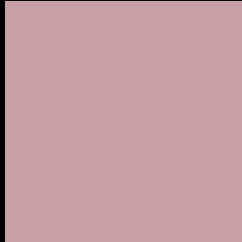
Large Text (above 18pt) WCAG AA × Fail

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 42.5603, 39.8277, 40.5663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

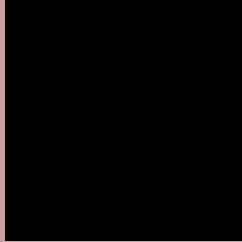
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.5603, 39.8277, 40.5663

Background



This preview shows how black text looks on a background with the XYZ color 42.5603, 39.8277, 40.5663.



This preview shows how white text looks on a background with the XYZ color 42.5603, 39.8277,

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

42.5603, 39.8277, 40.5663

Protanopia

38.5830, 40.1247, 43.2474

Deuteranopia

40.6254, 39.8866, 40.2080



Tritanopia

43.3020, 39.8787, 43.9432

Trichromacy



Original Color

42.5603, 39.8277, 40.5663

Protanomaly

39.9027, 40.0075, 42.1783

Deuteranomaly

41.4463, 40.0452, 40.1954

Tritanomaly

43.0192, 39.7655, 42.4539

Monochromacy



Original Color

42.5603, 39.8277, 40.5663

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

40.2201, 40.6936, 43.2709

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5603, 39.8277, 40.5663 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(198, 160, 164)` looks like.

```
.text, #text, p{  
    color:rgb(198, 160, 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(198, 160, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 160, 164) }
```

Border

The CSS property to change the border of an element to XYZ 42.5603, 39.8277, 40.5663 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(198, 160, 164) }
```


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

```
.border{ border-color:rgb(198, 160, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 160, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 160, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 160, 164);  
box-shadow:4px 4px 4px 4px rgb(198, 160,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5603, 39.8277, 40.5663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 160, 164) }
```

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

```
.background{ background-color: rgb(198,  
160, 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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