

Converting Colors

XYZ(42.6207, 40.0601, 42.7394)

Have a look what the booklet for
XYZ(42.6207, 40.0601, 42.7394)
contains.

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Color

**XYZ(42.5777, 40.0527,
42.5326)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | C4A1A8 |
| RGB | 196, 161, 168 |
| RGB Percent | 77%, 63%, 66% |
| CMY | 0.2314, 0.3686, 0.3412 |
| CMYK | 0.00, 0.18, 0.14, 0.23 |
| HSL | 348°, 23%, 70% |
| HSV | 348°, 18%, 77% |
| XYZ | 42.5777, 40.0527, 42.5326 |
| YIQ | 172.2630, 18.6130, 9.5970 |

Conversions

Conversions Part 2

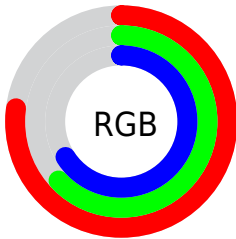
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 196, 161, 168 |
| Decimal | 12886440 |
| CIE Lab | 69.51, 14.01, 1.22 |
| CIE LCh | 70, 14.065, 4.996 |
| Yxy | 40.0527, 0.3402, 0.3200 |
| Android (android.graphics.Color) | 4291076520 (0xFFC4A1A8) |
| YUV | 172.2630, -2.1017, 20.8173 |
| Hunter-Lab | 63.2872, 9.3368, 4.4548 |

Details

The XYZ color **42.5777, 40.0527, 42.5326** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.6248, 50.7320, 55.6397**, and the grayscale version is **39.3505, 41.3998, 45.0844**.

A 20% lighter version of the original color is **78.3832, 75.3221, 80.2194**, and **19.7764, 17.9490, 18.9452** is the 20% darker color. If you saturate the color by 10%, you get **38.0435, 33.1827, 34.2428**, and if you desaturate by 10%, it is **47.8273, 48.0706, 51.9310**.

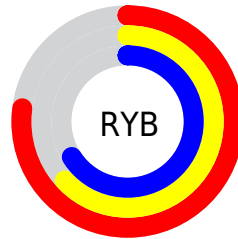
Distribution



Red (77%)

Green (63%)

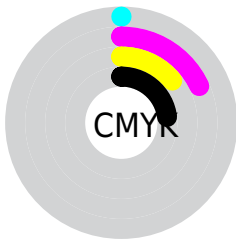
Blue (66%)



Red (77%)

Yellow (63%)

Blue (66%)

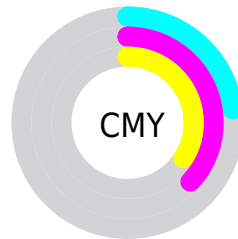


Cyan (0%)

Magenta (18%)

Yellow (14%)

Black (23%)



Cyan (23%)

Magenta (37%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.5777, 40.0527, 42.5326 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 42.5777, 40.0527, 42.5326 by changing the saturation by 10% instead.


 42.5777, 40.0527,
42.5326


 42.5777, 40.0527,
42.5326

347.8232,
346.3456, 372.5506

 29.7470, 27.5796,
29.1899


 78.3329, 75.2438,
80.2838

 19.7937, 18.0090,
18.9777


 101.9881, 98.7305,
105.5294

 12.3526, 10.9565,
11.4775

129.9822,
126.6573, 135.5797

 7.0582, 6.0376,
6.2708

162.6805,
159.4086, 170.8532

 3.5452, 2.8679,
2.9390

200.4484,
197.3686, 211.7686

 1.4482, 1.0632,
1.0636

243.6512,

 0.2902, 0.0000,

240.9219, 258.7442

0.0000

292.6544,
290.4528, 312.1987

0.0000, 0.0000,
0.0000

42.5777, 40.0527,
42.5326

42.5777, 40.0527,
42.5326

38.0435, 33.1827,
34.2428

47.8273, 48.0706,
51.9310

34.1901, 27.4028,
27.0181

53.8181, 57.2799,
62.4746

30.9851, 22.6583,
20.8153

60.5789, 67.7287,
74.2013

28.3921, 18.8876,
15.5878

68.1358, 79.4605,
87.1463

26.3710, 16.0226,
11.2849

75.2226, 89.9349,
100.9134

■ 24.8768, 13.9864,
7.8513

■ 76.5751, 90.4758,
108.0354

■ 23.8573, 12.6889,
5.2254

■ 23.2385, 11.9982,
3.3333

■ 23.1344, 11.8835,
3.0098

Harmonies

Analogous

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



42.1568, 40.0527, 49.1019



42.5777, 40.0527, 42.5326



41.7519, 40.0527, 36.8367

Triad

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



42.5777, 40.0527, 42.5326



35.6237, 40.0527, 34.1640



36.2563, 40.0527, 55.9286

Complementary

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



42.5777, 40.0527, 42.5326



43.6248, 50.7320, 55.6397

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.



34.6091, 40.0527, 51.1679



42.5777, 40.0527, 42.5326



34.2541, 40.0527, 38.5447

Square

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



42.5777, 40.0527, 42.5326



37.6906, 40.0527, 32.3207



33.8902, 40.0527, 44.7066



38.4497, 40.0527, 57.2640

Rectangle

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



42.5777, 40.0527, 42.5326



40.6240, 40.0527, 34.1649



33.8902, 40.0527, 44.7066



35.6232, 40.0527, 54.6542

Sweetspot

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



42.5788, 40.0545, 42.5334



89.5173, 91.4935, 99.1673



43.6962, 40.2960, 57.6998



19.0000, 19.3372, 20.9424



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.



42.5788, 40.0545, 42.5334



74.1350, 68.0047, 71.6090



43.8568, 43.6257, 39.8296



10.1537, 10.1101, 10.8999



14.8898, 7.6457, 2.0658



0.6683, 0.3403, 0.2208

Inverse Universe

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



42.5788, 40.0545, 42.5334



74.1350, 68.0047, 71.6090



42.1170, 46.4714, 58.9750



10.1537, 10.1101, 10.8999



14.8898, 7.6457, 2.0658



0.6683, 0.3403, 0.2208

Previews

White Background



This preview shows how the XYZ color 42.5777, 40.0527, 42.5326 looks on a white background.

Color Contrast Check

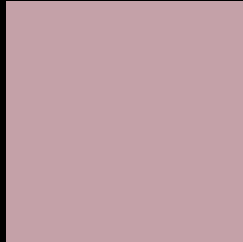
Large Text (above 18pt) WCAG AA × Fail

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 42.5777, 40.0527, 42.5326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

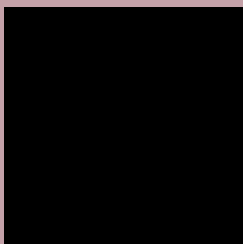
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

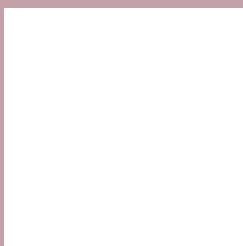
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.5777, 40.0527, 42.5326

Background



This preview shows how black text looks on a background with the XYZ color 42.5777, 40.0527, 42.5326.



This preview shows how white text looks on a background with the XYZ color 42.5777, 40.0527,

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

42.5777, 40.0527, 42.5326

Protanopia

38.7440, 40.1637, 45.2455

Deuteranopia

40.7440, 39.9057, 42.1144



Tritanopia

43.1396, 40.0291, 44.9878

Trichromacy



Original Color

42.5777, 40.0527, 42.5326

Protanomaly

40.0430, 40.0365, 44.1454

Deuteranomaly

41.3074, 39.9316, 42.0896

Tritanomaly

42.9474, 39.9522, 43.9760

Monochromacy



Original Color

42.5777, 40.0527, 42.5326

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

40.4094, 40.7693, 44.2675

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5777, 40.0527, 42.5326 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(196, 161, 168)` looks like.

```
.text, #text, p{  
    color:rgb(196, 161, 168)  
}
```

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(196, 161, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 161, 168) }
```

Border

The CSS property to change the border of an element to XYZ 42.5777, 40.0527, 42.5326 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(196, 161, 168) }
```


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

```
.border{ border-color:rgb(196, 161, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 161, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 161, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 161, 168);  
box-shadow:4px 4px 4px 4px rgb(196, 161,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5777, 40.0527, 42.5326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 161, 168) }
```

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

```
.background{ background-color: rgb(196,  
161, 168) }
```

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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