

Converting Colors

XYZ(41.0454, 42.9337, 25.8035)

Have a look what the booklet for
XYZ(41.0454, 42.9337, 25.8035)
contains.

| | |
|--|----|
| XYZ(40.9576, 42.8628, 25.8533) | 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(40.9576, 42.8628,
25.8533)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | C2AD7E |
| RGB | 194, 173, 126 |
| RGB Percent | 76%, 68%, 49% |
| CMY | 0.2392, 0.3215, 0.5059 |
| CMYK | 0.00, 0.11, 0.35, 0.24 |
| HSL | 41°, 36%, 63% |
| HSV | 41°, 35%, 76% |
| XYZ | 40.9576, 42.8628, 25.8533 |
| YIQ | 173.9210, 27.6030, -10.1650 |

Conversions

Conversions Part 2

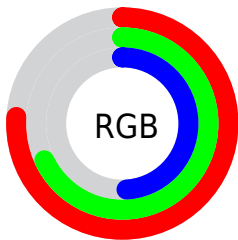
| Format | Color |
|-------------------------------------|---|
| RYB | 156, 194, 126 |
| Decimal | 12758398 |
| CIELab | 71.46, 0.67, 26.95 |
| CIElCh | 71, 26.958, 88.575 |
| Yxy | 42.8628, 0.3734, 0.3908 |
| Android (android.graphics.Color) | 4290948478 (0xFFC2AD7E) |
| YUV | 173.9210, -23.6251, 17.6093 |
| Hunter-Lab | 65.4697, -2.9030, 22.4158 |

Details

The XYZ color **40.9576, 42.8628, 25.8533** is a light color, and the websafe version is hex **999966**. A complement of this color would be **28.7753, 29.1973, 55.1580**, and the grayscale version is **40.3000, 42.3987, 46.1722**.

A 20% lighter version of the original color is **75.6637, 79.2507, 53.9568**, and **18.7893, 19.6855, 9.6469** is the 20% darker color. If you saturate the color by 10%, you get **38.7026, 40.1654, 19.5131**, and if you desaturate by 10%, it is **43.5091, 45.7642, 33.4909**.

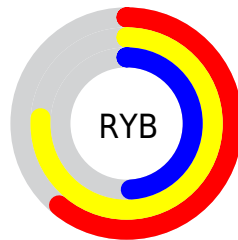
Distribution



Red (76%)

Green (68%)

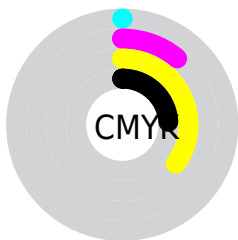
Blue (49%)



Red (61%)

Yellow (76%)

Blue (49%)

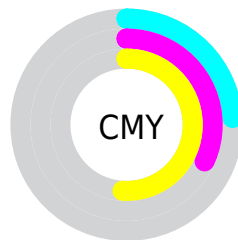


Cyan (0%)

Magenta (11%)

Yellow (35%)

Black (24%)



Cyan (24%)

Magenta (32%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.9576, 42.8628, 25.8533 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 40.9576, 42.8628, 25.8533 by changing the saturation by 10% instead.


 40.9576, 42.8628,
25.8533


 40.9576, 42.8628,
25.8533


341.2090,
358.0472, 295.6437


 28.4735, 29.7775,
16.4891


 75.8946, 79.5038,
54.0194

 18.8252, 19.6698,
9.7129


 99.0783, 103.8282,
73.6584

 11.6473, 12.1552,
5.1059


 126.5591,
132.6678, 97.5594

 6.5745, 6.8495,
2.2497

158.7025,
166.4070, 126.1409

 3.2414, 3.3681,
0.7028

195.8739,
205.4302, 159.8216

 1.2827, 1.3268,
0.0000

238.4385,

 0.1702, 0.1618,

250.1216, 199.0200

0.0000

286.7617,
300.8659, 244.1545

■ 0.0000, 0.0000,
0.0000

■ 40.9576, 42.8628,
25.8533

■ 40.9576, 42.8628,
25.8533

■ 38.7026, 40.1654,
19.5131

■ 43.5091, 45.7642,
33.4909

■ 36.7260, 37.6592,
14.3934

■ 46.3674, 48.8703,
42.4918

■ 35.0127, 35.3386,
10.4128

■ 49.5464, 52.1891,
52.9204

■ 33.5446, 33.1952,
7.4793

■ 53.0578, 55.7264,
64.8364

■ 32.3007, 31.2195,
5.4860

■ 56.9129, 59.4876,
78.2959

■ 31.2557, 29.4002,
4.3032

■ 61.1225, 63.4781,
93.3521

■ 30.7872, 28.5474,
3.8875

■ 64.5820, 67.2569,
104.1858

■ 66.1347, 70.3624,
104.7034

■ 67.7439, 73.5808,
105.2398

Harmonies

Analogous

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



45.4687, 42.8628, 28.4041



40.9576, 42.8628, 25.8533



36.7009, 42.8628, 27.9592

Triad

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



40.9576, 42.8628, 25.8533



33.5364, 42.8628, 59.6953



48.6621, 42.8628, 60.9751

Complementary

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



40.9576, 42.8628, 25.8533



28.7753, 29.1973, 55.1580

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.



45.0647, 42.8628, 72.2835



40.9576, 42.8628, 25.8533



36.3507, 42.8628, 71.4532

Square

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



40.9576, 42.8628, 25.8533



32.6123, 42.8628, 46.0504



40.5228, 42.8628, 76.4313



50.1165, 42.8628, 47.2957

Rectangle

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



40.9576, 42.8628, 25.8533



34.5316, 42.8628, 31.9908



40.5228, 42.8628, 76.4313



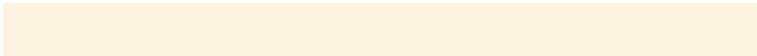
47.6508, 42.8628, 65.2677

Sweetspot

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



40.9587, 42.8648, 25.8542



86.1685, 90.8251, 83.9953



35.0177, 28.5149, 31.4825



18.6987, 19.7097, 17.8361



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.



40.9587, 42.8648, 25.8542



71.0470, 73.9036, 37.8864



42.2393, 49.9785, 27.1598



10.6425, 11.2165, 10.6660



20.3171, 18.9200, 2.5811



0.9367, 0.9352, 0.1311

Inverse Universe

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



28.7753, 29.1973, 55.1580



45.7230, 45.5103, 98.8443



27.7575, 24.2605, 54.2588



9.7763, 10.2440, 12.7469



7.5259, 4.8082, 34.0880



0.3877, 0.3328, 1.4937

Previews

White Background



This preview shows how the XYZ color 40.9576, 42.8628, 25.8533 looks on a white background.

Color Contrast Check

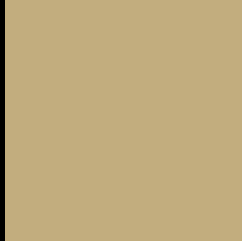
Large Text (above 18pt) WCAG AA × Fail

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 40.9576, 42.8628, 25.8533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

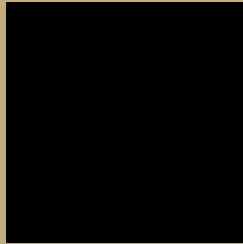
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.9576, 42.8628, 25.8533

Background



This preview shows how black text looks on a background with the XYZ color 40.9576, 42.8628, 25.8533.



This preview shows how white text looks on a background with the XYZ color 40.9576, 42.8628,

25.8533.

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

40.9576, 42.8628, 25.8533

Protanopia

39.8998, 42.8836, 26.2531

Deuteranopia

43.5655, 42.8030, 26.0443



Tritanopia

45.5923, 42.8065, 48.5073

Trichromacy



Original Color

40.9576, 42.8628, 25.8533

Protanomaly

40.2020, 42.7516, 26.2117

Deuteranomaly

42.5626, 42.8383, 26.1040

Tritanomaly

43.8218, 42.9198, 39.2324

Monochromacy



Original Color

40.9576, 42.8628, 25.8533

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.2779, 42.5302, 37.9846

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.9576, 42.8628, 25.8533 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(194, 173, 126)` looks like.

```
.text, #text, p{  
    color:rgb(194, 173, 126)  
}
```

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(194, 173, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 173, 126) }
```

Border

The CSS property to change the border of an element to XYZ 40.9576, 42.8628, 25.8533 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(194, 173, 126) }
```


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

```
.border{ border-color:rgb(194, 173, 126) }
```

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

Here you see how a box with a 4 pixel rgb(194, 173, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 173, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 173, 126);  
box-shadow:4px 4px 4px 4px rgb(194, 173,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 40.9576, 42.8628, 25.8533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 173, 126) }
```

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

```
.background{ background-color: rgb(194,  
173, 126) }
```

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