

Converting Colors

XYZ(40.9098, 37.0754, 25.0788)

Have a look what the booklet for
XYZ(40.9098, 37.0754, 25.0788)
contains.

XYZ(40.9098, 37.0754, 25.0788)	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(40.9098, 37.0754,
25.0788)**

Conversions

Conversions Part 1

Format	Color
Hex	D0977F
RGB	208, 151, 127
RGB Percent	82%, 59%, 50%
CMY	0.1843, 0.4078, 0.5020
CMYK	0.00, 0.27, 0.39, 0.18
HSL	18°, 46%, 66%
HSV	18°, 39%, 82%
XYZ	40.9098, 37.0754, 25.0788
YIQ	165.3070, 41.6760, 4.6200

Conversions

Conversions Part 2

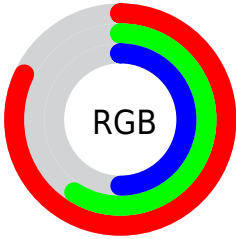
Format	Color
RYB	208, 161, 127
Decimal	13670271
CIELab	67.33, 18.32, 21.08
CIELCh	67, 27.928, 49.013
Yxy	37.0754, 0.3969, 0.3597
Android (android.graphics.Color)	4291860351 (0xFFD0977F)
YUV	165.3070, -18.8854, 37.4418
Hunter-Lab	60.8896, 13.3718, 18.2027

Details

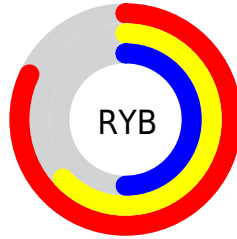
The XYZ color **40.9098, 37.0754, 25.0788** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.2774, 43.3455, 66.0763**, and the grayscale version is **35.9862, 37.8603, 41.2299**.

A 20% lighter version of the original color is **71.3095, 68.2179, 52.5890**, and **18.8812, 16.3398, 9.3665** is the 20% darker color. If you saturate the color by 10%, you get **37.4807, 32.1673, 17.9241**, and if you desaturate by 10%, it is **44.9131, 42.6839, 33.8063**.

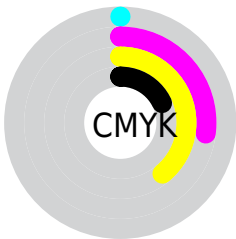
Distribution



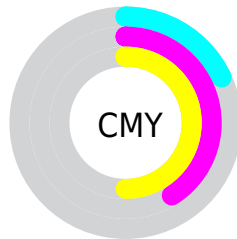
- Red (82%)
- Green (59%)
- Blue (50%)



- Red (82%)
- Yellow (63%)
- Blue (50%)



- Cyan (0%)
- Magenta (27%)
- Yellow (39%)
- Black (18%)





- Cyan (18%)
- Magenta (41%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.9098, 37.0754, 25.0788 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 40.9098, 37.0754, 25.0788 by changing the saturation by 10% instead.


 40.9098, 37.0754,
25.0788


 40.9098, 37.0754,
25.0788

341.0125,
333.6368, 291.6904

 28.4360, 25.2659,
15.9162


 75.8225, 70.6887,
52.7507

 18.7967, 16.2753,
9.3112


 98.9921, 93.2613,
72.0972

 11.6266, 9.7191,
4.8451


 126.4577,
120.1904, 95.6753

 6.5603, 5.2131,
2.0995

158.5846,
151.8604, 123.9037

 3.2326, 2.3729,
0.6155

195.7382,
188.6556, 157.2008

 1.2779, 0.8119,
0.0000

238.2838,

 0.1666, 0.0000,

230.9605, 195.9853

0.0000

286.5868,
279.1594, 240.6756

■ 0.0000, 0.0000,
0.0000

■ 40.9098, 37.0754,
25.0788

■ 40.9098, 37.0754,
25.0788

■ 37.4807, 32.1673,
17.9241

■ 44.9131, 42.6839,
33.8063

■ 34.5950, 27.9259,
12.2451

■ 49.5138, 49.0141,
44.1912

■ 32.2229, 24.3227,
7.9371

■ 54.7370, 56.0928,
56.3149

■ 30.3306, 21.3248,
4.8808

■ 60.6058, 63.9439,
70.2525

■ 28.8791, 18.8958,
2.9358

■ 67.1418, 72.5903,
86.0749

■ 27.8125, 16.9908,
1.8769

■ 74.3657, 82.0537,
103.8490

■ 27.7156, 16.8162,
1.7851

■ 79.3321, 91.1692,
108.0239

■ 79.8224, 92.1499,
108.1874

Harmonies

Analogous

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



43.5955, 37.0754, 33.1750



40.9098, 37.0754, 25.0788



36.8289, 37.0754, 21.3889

Triad

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



40.9098, 37.0754, 25.0788



27.7703, 37.0754, 36.0466



37.9853, 37.0754, 66.9657

Complementary

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



40.9098, 37.0754, 25.0788



37.2774, 43.3455, 66.0763

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.



33.6956, 37.0754, 68.1679



40.9098, 37.0754, 25.0788



28.0251, 37.0754, 48.5339

Square

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



40.9098, 37.0754, 25.0788



29.3914, 37.0754, 26.8137



30.1182, 37.0754, 60.8735



41.8151, 37.0754, 57.8607

Rectangle

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



40.9098, 37.0754, 25.0788



33.9670, 37.0754, 21.2968



30.1182, 37.0754, 60.8735



36.5425, 37.0754, 68.3677

Sweetspot

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



40.9107, 37.0772, 25.0795



84.0205, 85.2069, 82.8240



42.3643, 32.0939, 49.8887



17.7464, 17.9164, 17.1750



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.



40.9107, 37.0772, 25.0795



60.1239, 52.0139, 29.8479



48.3544, 51.9645, 27.5608



12.0902, 12.3711, 12.3627



17.3477, 10.6284, 1.1372



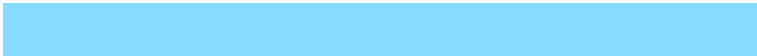
1.0391, 0.7325, 0.0866

Inverse Universe

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



37.2774, 43.3455, 66.0763



53.5234, 63.2985, 104.0046



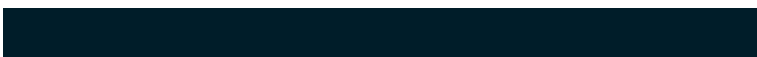
30.1947, 29.1801, 63.7154



11.8502, 12.7907, 15.0879



13.6244, 15.8954, 39.5425



0.8290, 1.0232, 2.2334

Previews

White Background



This preview shows how the XYZ color 40.9098, 37.0754, 25.0788 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 40.9098, 37.0754, 25.0788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

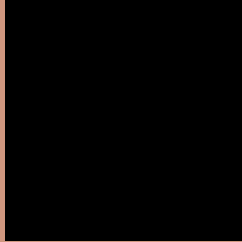
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.9098, 37.0754, 25.0788

Background



This preview shows how black text looks on a background with the XYZ color 40.9098, 37.0754, 25.0788.



This preview shows how white text looks on a background with the XYZ color 40.9098, 37.0754,

25.0788.

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

40.9098, 37.0754, 25.0788

Protanopia

34.9647, 37.2430, 27.5361

Deuteranopia

37.9851, 37.2975, 24.9358



Tritanopia

43.4692, 37.1849, 37.2341

Trichromacy



Original Color

40.9098, 37.0754, 25.0788

Protanomaly

36.7446, 36.8741, 26.6535

Deuteranomaly

38.7759, 36.9548, 24.8279

Tritanomaly

42.4347, 36.9880, 32.5066

Monochromacy



Original Color

40.9098, 37.0754, 25.0788

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

37.2128, 37.1997, 34.4971

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.9098, 37.0754, 25.0788 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(208, 151, 127)` looks like.

```
.text, #text, p{  
    color:rgb(208, 151, 127)  
}
```

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(208, 151, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 151, 127) }
```

Border

The CSS property to change the border of an element to XYZ 40.9098, 37.0754, 25.0788 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(208, 151, 127) }
```


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

```
.border{ border-color:rgb(208, 151, 127) }
```

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

Here you see how a box with a 4 pixel rgb(208, 151, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 151, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 151, 127);  
box-shadow:4px 4px 4px 4px rgb(208, 151,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 40.9098, 37.0754, 25.0788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 151, 127) }
```

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

```
.background{ background-color: rgb(208,  
151, 127) }
```

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