

Converting Colors

XYZ(42.4614, 37.5075, 24.3164)

Have a look what the booklet for
XYZ(42.4614, 37.5075, 24.3164)
contains.

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Color

**XYZ(42.4734, 37.4226,
24.3867)**

Conversions

Conversions Part 1

Format	Color
Hex	D7957D
RGB	215, 149, 125
RGB Percent	84%, 58%, 49%
CMY	0.1569, 0.4157, 0.5098
CMYK	0.00, 0.31, 0.42, 0.16
HSL	16°, 53%, 67%
HSV	16°, 42%, 84%
XYZ	42.4734, 37.4226, 24.3867
YIQ	165.9980, 47.0400, 6.5280

Conversions

Conversions Part 2

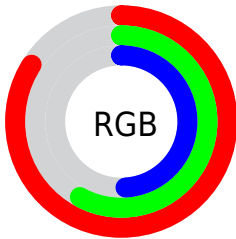
Format	Color
R_{YB}	215, 158, 125
Decimal	14128509
CIE _{Lab}	67.59, 21.95, 22.67
CIE _{LCh}	68, 31.553, 45.922
Yxy	37.4226, 0.4073, 0.3589
Android (android.graphics.Color)	4292318589 (0xFFD7957D)
YUV	165.9980, -20.2120, 42.9748
Hunter-Lab	61.1740, 16.8788, 19.1862

Details

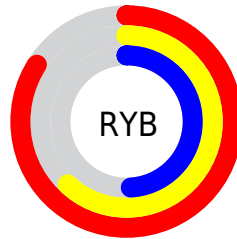
The XYZ color **42.4734, 37.4226, 24.3867** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **39.3531, 46.5259, 71.1961**, and the grayscale version is **36.3240, 38.2157, 41.6169**.

A 20% lighter version of the original color is **70.6318, 67.1862, 51.3650**, and **19.7727, 16.5263, 8.9852** is the 20% darker color. If you saturate the color by 10%, you get **38.9181, 32.2773, 17.1432**, and if you desaturate by 10%, it is **46.6655, 43.3658, 33.3099**.

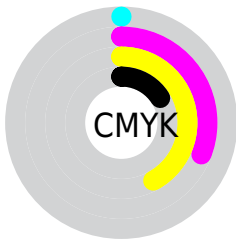
Distribution



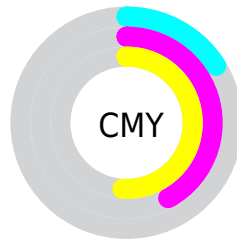
- Red (84%)
- Green (58%)
- Blue (49%)



- Red (84%)
- Yellow (62%)
- Blue (49%)



- Cyan (0%)
- Magenta (31%)
- Yellow (42%)
- Black (16%)





- Cyan (16%)
- Magenta (42%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.4734, 37.4226, 24.3867 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 42.4734, 37.4226, 24.3867 by changing the saturation by 10% instead.


 42.4734, 37.4226,
24.3867


 42.4734, 37.4226,
24.3867


347.4000,
335.1365, 288.1190

 29.6649, 25.5349,
15.4059


 78.1763, 71.2223,
51.6122

 19.7312, 16.4760,
8.9550

 101.8013, 93.9030,
70.6940

 12.3069, 9.8616,
4.6154

 129.7626,
120.9502, 93.9799

 7.0267, 5.3073,
1.9687

162.4255,
152.7482, 121.8883

 3.5253, 2.4287,
0.5359

200.1553,
189.6814, 154.8379

 1.4373, 0.8406,
0.0000

243.3174,

 0.2825, 0.0000,

232.1343, 193.2472

0.0000

292.2772,
280.4912, 237.5347

■ 0.0000, 0.0000,
0.0000

■ 42.4734, 37.4226,
24.3867

■ 42.4734, 37.4226,
24.3867

■ 38.9181, 32.2773,
17.1432

■ 46.6655, 43.3658,
33.3099

■ 35.9640, 27.8897,
11.4706

■ 51.5221, 50.1338,
44.0076

■ 33.5760, 24.2243,
7.2509

■ 57.0722, 57.7593,
56.5704

■ 31.7138, 21.2401,
4.3478

■ 63.3427, 66.2710,
71.0818

■ 30.3307, 18.8917,
2.5990

■ 70.3586, 75.6968,
87.6203

■ 29.5045, 17.4075,
1.8049

■ 78.1439, 86.0629,
106.2600

■ 81.8343, 93.1870,
108.2815

Harmonies

Analogous

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



45.3329, 37.4226, 33.8376



42.4734, 37.4226, 24.3867



37.8908, 37.4226, 19.9110

Triad

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



42.4734, 37.4226, 24.3867



27.2534, 37.4226, 34.5777



38.1945, 37.4226, 72.2799

Complementary

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



42.4734, 37.4226, 24.3867



39.3531, 46.5259, 71.1961

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.



33.3441, 37.4226, 72.6069



42.4734, 37.4226, 24.3867



27.3186, 37.4226, 48.5379

Square

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



42.4734, 37.4226, 24.3867



29.2696, 37.4226, 24.8217



29.4567, 37.4226, 63.1543



42.7131, 37.4226, 62.3424

Rectangle

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



42.4734, 37.4226, 24.3867



34.6137, 37.4226, 19.5038



29.4567, 37.4226, 63.1543



36.5419, 37.4226, 73.5828

Sweetspot

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



42.4743, 37.4244, 24.3874



82.8944, 83.5053, 80.7510



44.7620, 32.8762, 53.2768



17.3402, 17.3223, 16.3671



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.



42.4743, 37.4244, 24.3874



57.9371, 48.4726, 26.5525



51.0178, 54.5113, 27.2353



12.6900, 12.9542, 12.9923



17.7222, 10.5616, 1.1045



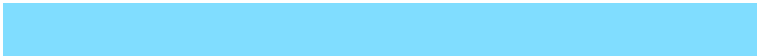
1.1372, 0.7736, 0.0894

Inverse Universe

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



39.3531, 46.5259, 71.1961



52.7317, 63.4798, 104.0813



31.0024, 29.8244, 68.4125



12.4990, 13.5214, 15.8886



14.7056, 17.6730, 41.0893



0.9533, 1.1986, 2.5004

Previews

White Background



This preview shows how the XYZ color 42.4734, 37.4226, 24.3867 looks on a white background.

Color Contrast Check

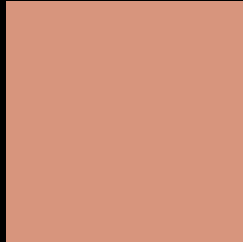
Large Text (above 18pt) WCAG AA × Fail

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 42.4734, 37.4226, 24.3867 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 42.4734, 37.4226, 24.3867

Background



This preview shows how black text looks on a background with the XYZ color 42.4734, 37.4226, 24.3867.



This preview shows how white text looks on a background with the XYZ color 42.4734, 37.4226,

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

42.4734, 37.4226, 24.3867

Protanopia

35.2992, 37.6902, 27.2443

Deuteranopia

38.3077, 37.4859, 23.9554



Tritanopia

45.0396, 37.5565, 36.3278

Trichromacy



Original Color

42.4734, 37.4226, 24.3867

Protanomaly

37.5958, 37.3284, 25.9925

Deuteranomaly

39.7166, 37.4545, 24.2049

Tritanomaly

44.0050, 37.3538, 31.6788

Monochromacy



Original Color

42.4734, 37.4226, 24.3867

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

37.9239, 37.5663, 34.5304

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.4734, 37.4226, 24.3867 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(215, 149, 125)` looks like.

```
.text, #text, p{  
    color:rgb(215, 149, 125)  
}
```

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(215, 149, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 149, 125) }
```

Border

The CSS property to change the border of an element to XYZ 42.4734, 37.4226, 24.3867 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(215, 149, 125) }
```


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

```
.border{ border-color:rgb(215, 149, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 149, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 149, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 149, 125);  
box-shadow:4px 4px 4px 4px rgb(215, 149,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 42.4734, 37.4226, 24.3867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 149, 125) }
```

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

```
.background{ background-color: rgb(215,  
149, 125) }
```

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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