

Converting Colors

XYZ(42.0279, 40.7763, 24.5657)

Have a look what the booklet for
XYZ(42.0279, 40.7763, 24.5657)
contains.

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Color

**XYZ(41.9121, 40.6288,
24.7019)**

Conversions

Conversions Part 1

Format	Color
Hex	CDA37C
RGB	205, 163, 124
RGB Percent	80%, 64%, 49%
CMY	0.1961, 0.3608, 0.5137
CMYK	0.00, 0.20, 0.40, 0.20
HSL	29°, 45%, 65%
HSV	29°, 40%, 80%
XYZ	41.9121, 40.6288, 24.7019
YIQ	171.1120, 37.5510, -3.2250

Conversions

Conversions Part 2

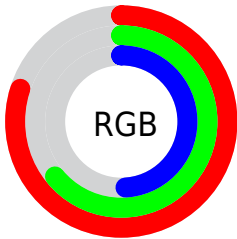
Format	Color
RYB	205, 199, 124
Decimal	13476732
CIELab	69.92, 10.25, 26.15
CIELCh	70, 28.087, 68.599
Yxy	40.6288, 0.3908, 0.3788
Android (android.graphics.Color)	4291666812 (0xFFCDA37C)
YUV	171.1120, -23.2262, 29.7198
Hunter-Lab	63.7407, 5.8247, 21.6414

Details

The XYZ color **41.9121, 40.6288, 24.7019** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **32.9672, 35.9638, 62.9616**, and the grayscale version is **38.8657, 40.8897, 44.5289**.

A 20% lighter version of the original color is **74.2472, 74.5771, 52.0765**, and **19.3489, 18.2664, 9.1626** is the 20% darker color. If you saturate the color by 10%, you get **38.9398, 36.5476, 17.9664**, and if you desaturate by 10%, it is **45.3147, 45.1389, 32.9113**.

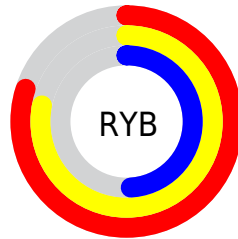
Distribution



Red (80%)

Green (64%)

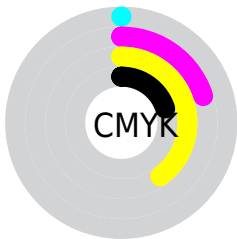
Blue (49%)



Red (80%)

Yellow (78%)

Blue (49%)

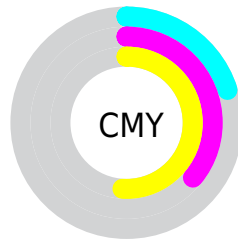


Cyan (0%)

Magenta (20%)

Yellow (40%)

Black (20%)



Cyan (20%)


Magenta (36%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.9121, 40.6288, 24.7019 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 41.9121, 40.6288, 24.7019 by changing the saturation by 10% instead.


 41.9121, 40.6288,
24.7019

 41.9121, 40.6288,
24.7019


345.1163,
348.7668, 289.7501

 29.2233, 28.0292,
15.6381


 77.3326, 76.1201,
52.1313

 19.3949, 18.3476,
9.1169


 100.7949, 99.7805,
71.3340

 12.0617, 11.1999,
4.7196


 128.5792,
127.8966, 94.7534

 6.8582, 6.2014,
2.0279

161.0507,
160.8529, 122.8081

 3.4191, 2.9679,
0.5723

198.5748,
199.0336, 155.9166

 1.3791, 1.1150,
0.0000

241.5168,

 0.2412, 0.0000,

242.8233, 194.4973

0.0000

290.2422,
292.6062, 238.9690

■ 0.0000, 0.0000,
0.0000

■ 41.9121, 40.6288,
24.7019

■ 41.9121, 40.6288,
24.7019

■ 38.9398, 36.5476,
17.9664

■ 45.3147, 45.1389,
32.9113

■ 36.3738, 32.8750,
12.6123

■ 49.1635, 50.0858,
42.6743

■ 34.1926, 29.5974,
8.5406


■ 53.4774, 55.4843,
54.0679


■ 32.3705, 26.6979,
5.6377


■ 58.2732, 61.3468,
67.1632


■ 30.8781, 24.1576,
3.7695


■ 63.5668, 67.6850,
82.0269


 29.6664, 21.9496,
2.7019

 69.3733, 74.5102,
98.7223

 29.6117, 21.8490,
2.6566

 73.6281, 81.0018,
106.3620

 76.8042, 87.3539,
107.4207

 78.9868, 91.7191,
108.1483

Harmonies

Analogous

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



45.8984, 40.6288, 30.3230



41.9121, 40.6288, 24.7019



37.3176, 40.6288, 23.7302

Triad

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



41.9121, 40.6288, 24.7019



30.5640, 40.6288, 48.1079



44.3614, 40.6288, 66.9622

Complementary

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



41.9121, 40.6288, 24.7019



32.9672, 35.9638, 62.9616

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.



39.9451, 40.6288, 74.0746



41.9121, 40.6288, 24.7019



32.1486, 40.6288, 61.8668

Square

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



41.9121, 40.6288, 24.7019



31.0000, 40.6288, 35.6765



35.4983, 40.6288, 72.0457



47.3883, 40.6288, 54.0698

Rectangle

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



41.9121, 40.6288, 24.7019



34.5615, 40.6288, 25.6183



35.4983, 40.6288, 72.0457



42.9768, 40.6288, 70.2133

Sweetspot

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



41.9131, 40.6307, 24.7027



85.6550, 88.4757, 83.3688



39.3782, 30.1922, 40.4087



18.1299, 18.6835, 17.3029



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.



41.9131, 40.6307, 24.7027



64.6634, 61.0928, 31.3610



50.0059, 56.8163, 27.4003



11.6506, 12.0902, 11.7990



18.5287, 13.7903, 1.6852



1.0317, 0.8632, 0.1122

Inverse Universe

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



32.9672, 35.9638, 62.9616



48.0974, 52.4464, 102.1959



26.8827, 23.7947, 60.9334



11.0748, 11.7900, 14.2624



10.1826, 9.3891, 37.2319



0.6011, 0.6359, 1.9460

Previews

White Background



This preview shows how the XYZ color 41.9121, 40.6288, 24.7019 looks on a white background.

Color Contrast Check

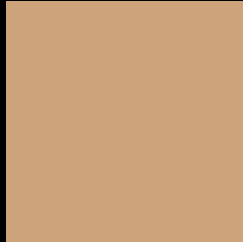
Large Text (above 18pt) WCAG AA × Fail

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 41.9121, 40.6288, 24.7019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

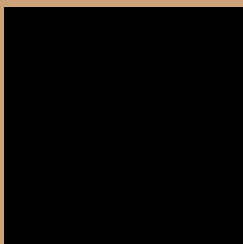
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.9121, 40.6288, 24.7019

Background



This preview shows how black text looks on a background with the XYZ color 41.9121, 40.6288, 24.7019.



This preview shows how white text looks on a background with the XYZ color 41.9121, 40.6288,

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

41.9121, 40.6288, 24.7019

Protanopia

37.9221, 40.7254, 25.9408

Deuteranopia

41.5422, 40.7027, 24.7357



Tritanopia

45.5129, 40.5338, 42.9611

Trichromacy



Original Color

41.9121, 40.6288, 24.7019

Protanomaly

39.2544, 40.5880, 25.5040

Deuteranomaly

41.8154, 40.8435, 24.7485

Tritanomaly

44.1603, 40.5061, 35.6279

Monochromacy



Original Color

41.9121, 40.6288, 24.7019

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.3638, 40.4056, 36.2962

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9121, 40.6288, 24.7019 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(205, 163, 124)` looks like.

```
.text, #text, p{  
    color:rgb(205, 163, 124)  
}
```

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(205, 163, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 163, 124) }
```

Border

The CSS property to change the border of an element to XYZ 41.9121, 40.6288, 24.7019 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(205, 163, 124) }
```


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

```
.border{ border-color:rgb(205, 163, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 163, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 163, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 163, 124);  
box-shadow:4px 4px 4px 4px rgb(205, 163,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9121, 40.6288, 24.7019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 163, 124) }
```

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

```
.background{ background-color: rgb(205,  
163, 124) }
```

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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