

Converting Colors

XYZ(41.6923, 43.0670, 23.1824)

Have a look what the booklet for
XYZ(41.6923, 43.0670, 23.1824)
contains.

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Color

**XYZ(41.5757, 42.9552,
23.2394)**

Conversions

Conversions Part 1

Format	Color
Hex	C7AC76
RGB	199, 172, 118
RGB Percent	78%, 67%, 46%
CMY	0.2196, 0.3255, 0.5372
CMYK	0.00, 0.14, 0.41, 0.22
HSL	40°, 42%, 62%
HSV	40°, 41%, 78%
XYZ	41.5757, 42.9552, 23.2394
YIQ	173.9170, 33.4260, -11.0700

Conversions

Conversions Part 2

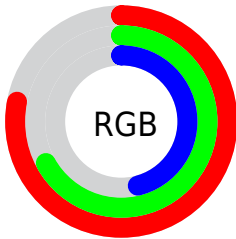
Format	Color
RYB	159, 199, 118
Decimal	13085814
CIELab	71.52, 2.29, 31.38
CIElCh	72, 31.465, 85.826
Yxy	42.9552, 0.3858, 0.3986
Android (android.graphics.Color)	4291275894 (0xFFC7AC76)
YUV	173.9170, -27.5671, 21.9978
Hunter-Lab	65.5402, -1.4632, 24.8550

Details

The XYZ color **41.5757, 42.9552, 23.2394** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **27.9050, 28.2247, 58.0098**, and the grayscale version is **40.3155, 42.4150, 46.1900**.

A 20% lighter version of the original color is **76.0598, 79.1384, 49.7945**, and **19.2922, 19.7919, 8.4336** is the 20% darker color. If you saturate the color by 10%, you get **39.2851, 40.0710, 17.2444**, and if you desaturate by 10%, it is **44.1810, 46.0693, 30.5711**.

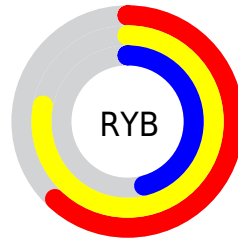
Distribution



Red (78%)

Green (67%)

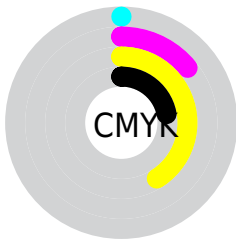
Blue (46%)



Red (62%)

Yellow (78%)

Blue (46%)

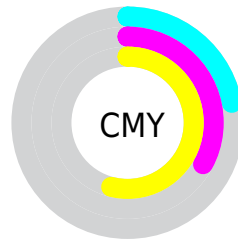


Cyan (0%)

Magenta (14%)

Yellow (41%)

Black (22%)



Cyan (22%)

Magenta (33%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.5757, 42.9552, 23.2394 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 41.5757, 42.9552, 23.2394 by changing the saturation by 10% instead.

■ 41.5757, 42.9552,
23.2394

■ 41.5757, 42.9552,
23.2394

343.7427,
358.4275, 282.1139

■ 28.9589, 29.8500,
14.5634

■ 76.8263, 79.6433,
49.7143

■ 19.1938, 19.7247,
8.3704

■ 100.1907,
103.9949, 68.3503

■ 11.9152, 12.1951,
4.2417

■ 127.8683,
132.8640, 91.1434

■ 6.7578, 6.8767,
1.7588

160.2246,
166.6352, 118.5121

■ 3.3561, 3.3851,
0.4006

197.6248,
205.6927, 150.8749

■ 1.3447, 1.3359,
0.0000

240.4343,

■ 0.2163, 0.1688,

250.4210, 188.6505

0.0000

289.0185,
301.2045, 232.2573

■ 0.0000, 0.0000,
0.0000

■ 41.5757, 42.9552,
23.2394

■ 41.5757, 42.9552,
23.2394

■ 39.2851, 40.0710,
17.2444

■ 44.1810, 46.0693,
30.5711

■ 37.2892, 37.4024,
12.4997

■ 47.1130, 49.4147,
39.3131

■ 35.5705, 34.9425,
8.9132

■ 50.3871, 53.0005,
49.5370

■ 34.1079, 32.6815,
6.3784

■ 54.0165, 56.8335,
61.3084

■ 32.8766, 30.6077,
4.7691

■ 58.0139, 60.9200,
74.6892

■ 31.8967, 28.8293,
3.8835

■ 62.3909, 65.2660,
89.7379

■ 66.7862, 69.7282,
104.5466

■ 68.5451, 73.2461,
105.1329

■ 70.3737, 76.9033,
105.7425

Harmonies

Analogous

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



46.8388, 42.9552, 26.5015



41.5757, 42.9552, 23.2394



36.5371, 42.9552, 25.0699

Triad

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



41.5757, 42.9552, 23.2394



32.3055, 42.9552, 60.7089



49.8759, 42.9552, 65.2043

Complementary

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



41.5757, 42.9552, 23.2394



27.9050, 28.2247, 58.0098

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.



45.4415, 42.9552, 78.3569



41.5757, 42.9552, 23.2394



35.3541, 42.9552, 75.3913

Square

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



41.5757, 42.9552, 23.2394



31.4632, 42.9552, 44.6736



40.0886, 42.9552, 82.4382



51.8870, 42.9552, 48.9329

Rectangle

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



41.5757, 42.9552, 23.2394



33.9304, 42.9552, 29.2026



40.0886, 42.9552, 82.4382



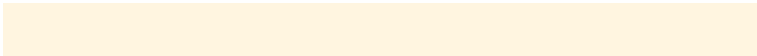
48.6015, 42.9552, 70.2636

Sweetspot

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



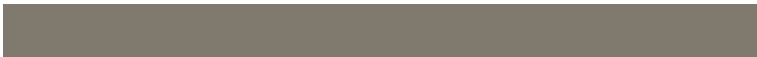
41.5768, 42.9572, 23.2403



87.3414, 91.8486, 83.9309



35.1427, 27.1437, 30.1755



18.5270, 19.4778, 17.4352



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.



41.5768, 42.9572, 23.2403



69.1569, 70.6417, 31.1269



43.8219, 52.5314, 24.9699



11.2146, 11.7984, 11.2490



20.5936, 18.7044, 2.5249



1.0397, 1.0148, 0.1411

Inverse Universe

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



27.9050, 28.2247, 58.0098



41.9576, 41.3578, 100.3792



26.2253, 21.9462, 56.8865



10.3407, 10.8554, 13.4678



7.9662, 5.3263, 35.3526



0.4441, 0.3860, 1.6962

Previews

White Background



This preview shows how the XYZ color 41.5757, 42.9552, 23.2394 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 41.5757, 42.9552, 23.2394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

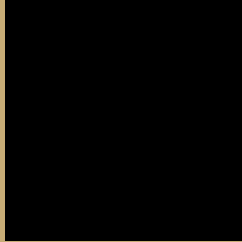
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.5757, 42.9552, 23.2394

Background



This preview shows how black text looks on a background with the XYZ color 41.5757, 42.9552, 23.2394.

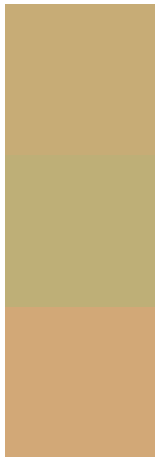


This preview shows how white text looks on a background with the XYZ color 41.5757, 42.9552,

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

41.5757, 42.9552, 23.2394

Protanopia

39.8950, 42.9390, 23.6381

Deuteranopia

43.9107, 43.0388, 23.4457



Tritanopia

46.3881, 42.7044, 47.3928

Trichromacy



Original Color

41.5757, 42.9552, 23.2394

Protanomaly

40.4581, 42.9415, 23.6089

Deuteranomaly

42.9713, 42.8297, 23.4549

Tritanomaly

44.4481, 42.7342, 37.3584

Monochromacy



Original Color

41.5757, 42.9552, 23.2394

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.3047, 42.2875, 36.6099

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5757, 42.9552, 23.2394 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(199, 172, 118)` looks like.

```
.text, #text, p{  
    color:rgb(199, 172, 118)  
}
```

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(199, 172, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 172, 118) }
```

Border

The CSS property to change the border of an element to XYZ 41.5757, 42.9552, 23.2394 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(199, 172, 118) }
```


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

```
.border{ border-color:rgb(199, 172, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 172, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 172, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 172, 118);  
box-shadow:4px 4px 4px 4px rgb(199, 172,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5757, 42.9552, 23.2394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 172, 118) }
```

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

```
.background{ background-color: rgb(199,  
172, 118) }
```

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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