

Converting Colors

XYZ(41.7467, 44.2568, 24.3203)

Have a look what the booklet for
XYZ(41.7467, 44.2568, 24.3203)
contains.

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Color

**XYZ(41.7415, 44.1669,
24.4142)**

Conversions

Conversions Part 1

Format	Color
Hex	C4B079
RGB	196, 176, 121
RGB Percent	77%, 69%, 47%
CMY	0.2314, 0.3098, 0.5255
CMYK	0.00, 0.10, 0.38, 0.23
HSL	44°, 39%, 62%
HSV	44°, 38%, 77%
XYZ	41.7415, 44.1669, 24.4142
YIQ	175.7100, 29.5750, -12.8650

Conversions

Conversions Part 2

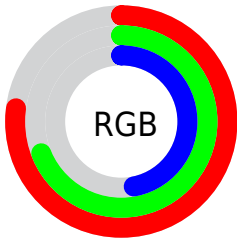
Format	Color
RYB	148, 196, 121
Decimal	12890233
CIELab	72.34, -0.72, 30.81
CIELCh	72, 30.815, 91.340
Yxy	44.1669, 0.3784, 0.4003
Android (android.graphics.Color)	4291080313 (0xFFC4B079)
YUV	175.7100, -26.9720, 17.7943
Hunter-Lab	66.4582, -4.1883, 24.7398

Details

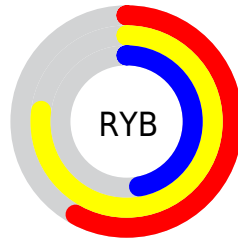
The XYZ color **41.7415, 44.1669, 24.4142** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **27.3736, 27.0994, 56.0126**, and the grayscale version is **41.2419, 43.3897, 47.2514**.

A 20% lighter version of the original color is **77.0889, 81.2787, 51.6697**, and **19.3295, 20.5330, 8.9057** is the 20% darker color. If you saturate the color by 10%, you get **39.6550, 41.7259, 18.3792**, and if you desaturate by 10%, it is **44.1139, 46.7886, 31.7503**.

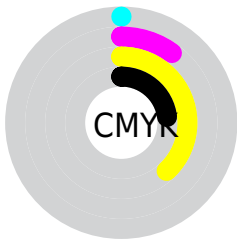
Distribution



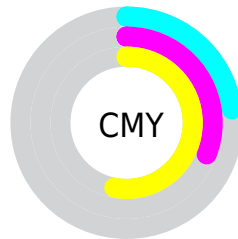
- Red (77%)
- Green (69%)
- Blue (47%)



- Red (58%)
- Yellow (77%)
- Blue (47%)



- Cyan (0%)
- Magenta (10%)
- Yellow (38%)
- Black (23%)



- Cyan (23%)
- Magenta (31%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.7415, 44.1669, 24.4142 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 41.7415, 44.1669, 24.4142 by changing the saturation by 10% instead.

■ 41.7415, 44.1669,
24.4142

■ 41.7415, 44.1669,
24.4142

344.4201,
363.3889, 288.2616

■ 29.0892, 30.8017,
15.4261

■ 77.0759, 81.4688,
51.6576

■ 19.2929, 20.4479,
8.9691

■ 100.4886,
106.1744, 70.7499

■ 11.9874, 12.7211,
4.6245

■ 128.2188,
135.4289, 94.0474

■ 6.8072, 7.2368,
1.9738

160.6320,
169.6167, 121.9687

■ 3.3871, 3.6106,
0.5391

198.0933,
209.1222, 154.9322

■ 1.3616, 1.4582,
0.0000

240.9682,

■ 0.2286, 0.2590,

254.3298, 193.3565

0.0000

289.6220,
305.6239, 237.6601

■ 0.0000, 0.0000,
0.0000

■ 41.7415, 44.1669,
24.4142

■ 41.7415, 44.1669,
24.4142

■ 39.6550, 41.7259,
18.3792

■ 44.1139, 46.7886,
31.7503

■ 37.8357, 39.4525,
13.5641

■ 46.7830, 49.5912,
40.4567

■ 36.2679, 37.3415,
9.8826

■ 49.7628, 52.5826,
50.6009

■ 34.9323, 35.3843,
7.2361

■ 53.0657, 55.7683,
62.2452

■ 33.8065, 33.5713,
5.5088

■ 56.7031, 59.1536,
75.4483

■ 32.8559, 31.8878,
4.5210

■ 60.6859, 62.7436,
90.2655

■ 32.6997, 31.6052,
4.3769

■ 64.5046, 66.3350,
104.0119

■ 65.8369, 68.9996,
104.4560

■ 67.2119, 71.7496,
104.9144

Harmonies

Analogous

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



47.0596, 44.1669, 26.7561



41.7415, 44.1669, 24.4142



36.8985, 44.1669, 27.2204

Triad

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



41.7415, 44.1669, 24.4142



33.8624, 44.1669, 64.9247



51.5723, 44.1669, 63.4916

Complementary

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



41.7415, 44.1669, 24.4142



27.3736, 27.0994, 56.0126

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.



47.5063, 44.1669, 77.5756



41.7415, 44.1669, 24.4142



37.2785, 44.1669, 78.5180

Square

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



41.7415, 44.1669, 24.4142



32.5926, 44.1669, 48.7758



42.2180, 44.1669, 83.5702



53.0147, 44.1669, 47.4111

Rectangle

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



41.7415, 44.1669, 24.4142



34.5134, 44.1669, 32.0638



42.2180, 44.1669, 83.5702



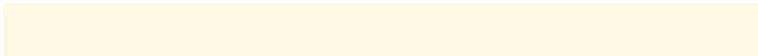
50.4511, 44.1669, 68.7257

Sweetspot

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



41.7426, 44.1689, 24.4151



88.5187, 93.6443, 86.0466



34.4104, 27.3341, 28.6622



18.7852, 19.8826, 17.8649



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.



41.7426, 44.1689, 24.4151



72.3881, 76.2510, 34.8337



41.6664, 50.3847, 25.6189



10.6789, 11.2893, 10.6781



21.0847, 20.4552, 2.8370



0.9651, 0.9920, 0.1406

Inverse Universe

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



27.3736, 27.0994, 56.0126



42.6646, 40.9636, 100.2658



27.3658, 23.1068, 55.2424



9.7419, 10.1751, 12.7354



7.2599, 4.2763, 33.9994



0.3725, 0.3025, 1.4886

Previews

White Background



This preview shows how the XYZ color 41.7415, 44.1669, 24.4142 looks on a white background.

Color Contrast Check

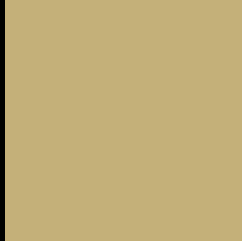
Large Text (above 18pt) WCAG AA × Fail

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 41.7415, 44.1669, 24.4142 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 41.7415, 44.1669, 24.4142

Background



This preview shows how black text looks on a background with the XYZ color 41.7415, 44.1669, 24.4142.



This preview shows how white text looks on a background with the XYZ color 41.7415, 44.1669,

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

41.7415, 44.1669, 24.4142

Protanopia

40.9732, 44.0559, 24.7565

Deuteranopia

45.0390, 44.1516, 24.5607



Tritanopia

46.9717, 44.0380, 49.7406

Trichromacy



Original Color

41.7415, 44.1669, 24.4142

Protanomaly

41.2273, 44.1869, 24.7684

Deuteranomaly

43.7190, 44.0320, 24.6071

Tritanomaly

44.6403, 43.9084, 38.9233

Monochromacy



Original Color

41.7415, 44.1669, 24.4142

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.0545, 43.5182, 37.6885

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.7415, 44.1669, 24.4142 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(196, 176, 121)` looks like.

```
.text, #text, p{  
    color:rgb(196, 176, 121)  
}
```

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(196, 176, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 176, 121) }
```

Border

The CSS property to change the border of an element to XYZ 41.7415, 44.1669, 24.4142 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(196, 176, 121) }
```


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

```
.border{ border-color:rgb(196, 176, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 176, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 176, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 176, 121);  
box-shadow:4px 4px 4px 4px rgb(196, 176,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 41.7415, 44.1669, 24.4142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 176, 121) }
```

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

```
.background{ background-color: rgb(196,  
176, 121) }
```

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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