

Converting Colors

XYZ(43.1875, 44.3064, 21.6330)

Have a look what the booklet for
XYZ(43.1875, 44.3064, 21.6330)
contains.

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Color

**XYZ(43.2375, 44.4211,
21.6245)**

Conversions

Conversions Part 1

Format	Color
Hex	CDAE70
RGB	205, 174, 112
RGB Percent	80%, 68%, 44%
CMY	0.1961, 0.3176, 0.5608
CMYK	0.00, 0.15, 0.45, 0.20
HSL	40°, 48%, 62%
HSV	40°, 45%, 80%
XYZ	43.2375, 44.4211, 21.6245
YIQ	176.2010, 38.3780, -12.7100

Conversions

Conversions Part 2

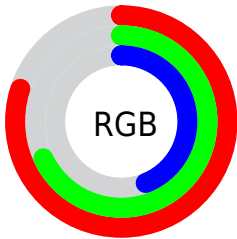
Format	Color
RYB	159, 205, 112
Decimal	13479536
CIELab	72.51, 3.04, 35.91
CIELCh	73, 36.042, 85.165
Yxy	44.4211, 0.3956, 0.4065
Android (android.graphics.Color)	4291669616 (0xFFCDAE70)
YUV	176.2010, -31.6511, 25.2567
Hunter-Lab	66.6492, -0.8372, 27.4176

Details

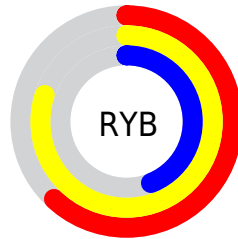
The XYZ color **43.2375, 44.4211, 21.6245** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **27.5236, 27.4964, 61.6141**, and the grayscale version is **41.5187, 43.6809, 47.5685**.

A 20% lighter version of the original color is **76.0508, 80.0152, 47.0335**, and **20.2512, 20.6675, 7.6245** is the 20% darker color. If you saturate the color by 10%, you get **40.9373, 41.4441, 15.8533**, and if you desaturate by 10%, it is **45.8669, 47.6406, 28.7884**.

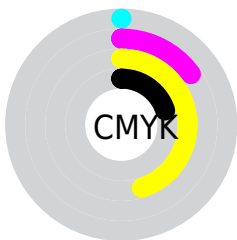
Distribution



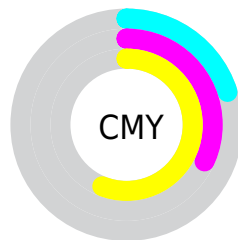
- Red (80%)
- Green (68%)
- Blue (44%)



- Red (62%)
- Yellow (80%)
- Blue (44%)



- Cyan (0%)
- Magenta (15%)
- Yellow (45%)
- Black (20%)



- Cyan (20%)
- Magenta (32%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.2375, 44.4211, 21.6245 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 43.2375, 44.4211, 21.6245 by changing the saturation by 10% instead.

■ 43.2375, 44.4211,
21.6245

■ 43.2375, 44.4211,
21.6245

350.4926,
364.4239, 273.4682

■ 30.2668, 31.0017,
13.3856

■ 79.3226, 81.8510,
47.0188

■ 20.1903, 20.6001,
7.5608

■ 103.1678,
106.6303, 65.0112

■ 12.6425, 12.8320,
3.7315

■ 131.3685,
135.9651, 87.0919

■ 7.2581, 7.3130,
1.4792

■ 164.2901,
170.2396, 113.6794

■ 3.6718, 3.6586,
0.2024

202.2979,
209.8384, 145.1923

■ 1.5182, 1.4845,
0.0000

245.7574,

■ 0.3382, 0.2778,

255.1458, 182.0490

0.0000

295.0338,
306.5461, 224.6681

■ 0.0000, 0.0000,
0.0000

■ 43.2375, 44.4211,
21.6245

■ 43.2375, 44.4211,
21.6245

■ 40.9373, 41.4441,
15.8533

■ 45.8669, 47.6406,
28.7884

■ 38.9441, 38.6941,
11.3777

■ 48.8394, 51.1046,
37.4278

■ 37.2381, 36.1631,
8.0922

■ 52.1720, 54.8231,
47.6224

■ 35.7946, 33.8398,
5.8736

■ 55.8792, 58.8035,
59.4450

■ 34.5842, 31.7106,
4.5708

■ 59.9750, 63.0528,
72.9642

■ 34.0766, 30.7789,
4.1449

■ 64.4725, 67.5776,
88.2443

■ 69.3032, 72.3519,
104.9204

■ 71.1530, 76.0515,
105.5370

■ 73.0771, 79.8998,
106.1784

Harmonies

Analogous

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



49.4317, 44.4211, 25.3383



43.2375, 44.4211, 21.6245



37.3341, 44.4211, 23.5073

Triad

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



43.2375, 44.4211, 21.6245



32.2901, 44.4211, 64.4527



52.8243, 44.4211, 70.7026

Complementary

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



43.2375, 44.4211, 21.6245



27.5236, 27.4964, 61.6141

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.



47.5166, 44.4211, 86.4880



43.2375, 44.4211, 21.6245



35.7479, 44.4211, 82.3022

Square

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



43.2375, 44.4211, 21.6245



31.3844, 44.4211, 45.5358



41.2204, 44.4211, 91.1831



55.3024, 44.4211, 51.3132

Rectangle

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



43.2375, 44.4211, 21.6245



34.2909, 44.4211, 28.0044



41.2204, 44.4211, 91.1831



51.2880, 44.4211, 76.7772

Sweetspot

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



43.2386, 44.4232, 21.6254



86.1468, 90.5525, 80.1630



35.9291, 26.5511, 29.2183



18.1692, 19.0870, 16.3145



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.



43.2386, 44.4232, 21.6254



67.2954, 68.2051, 26.5403



45.8665, 55.7153, 23.6665



11.8266, 12.4422, 11.8577



21.3045, 19.3420, 2.6105



1.1670, 1.1338, 0.1573

Inverse Universe

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



27.5236, 27.4964, 61.6141



38.5579, 37.2856, 99.7724



25.6411, 20.5472, 60.3720



10.9021, 11.4447, 14.2048



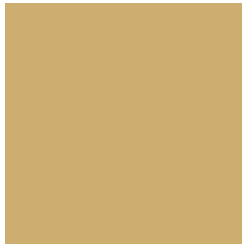
8.2377, 5.4993, 36.5836



0.4946, 0.4230, 1.9105

Previews

White Background



This preview shows how the XYZ color 43.2375, 44.4211, 21.6245 looks on a white background.

Color Contrast Check

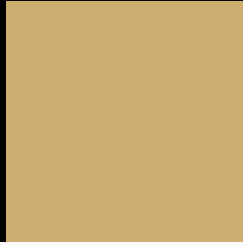
Large Text (above 18pt) WCAG AA × Fail

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 43.2375, 44.4211, 21.6245 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 43.2375, 44.4211, 21.6245

Background



This preview shows how black text looks on a background with the XYZ color 43.2375, 44.4211, 21.6245.

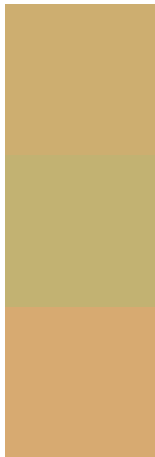


This preview shows how white text looks on a background with the XYZ color 43.2375, 44.4211,

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

43.2375, 44.4211, 21.6245

Protanopia

41.2058, 44.5250, 22.3420

Deuteranopia

45.3797, 44.3888, 21.7989



Tritanopia

48.9243, 44.5242, 48.6633

Trichromacy



Original Color

43.2375, 44.4211, 21.6245

Protanomaly

41.9915, 44.6423, 22.0264

Deuteranomaly

44.4075, 44.1670, 21.8073

Tritanomaly

46.3989, 44.2978, 37.1152

Monochromacy



Original Color

43.2375, 44.4211, 21.6245

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.5733, 43.5246, 36.3469

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2375, 44.4211, 21.6245 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, 174, 112)` looks like.

```
.text, #text, p{  
    color:rgb(205, 174, 112)  
}
```

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, 174, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 174, 112) }
```

Border

The CSS property to change the border of an element to XYZ 43.2375, 44.4211, 21.6245 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, 174, 112) }
```


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

```
.border{ border-color:rgb(205, 174, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 174, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 174, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 174, 112);  
box-shadow:4px 4px 4px 4px rgb(205, 174,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2375, 44.4211, 21.6245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 174, 112) }
```

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

```
.background{ background-color: rgb(205,  
174, 112) }
```

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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