

Converting Colors

XYZ(40.3253, 43.6683, 21.9574)

Have a look what the booklet for
XYZ(40.3253, 43.6683, 21.9574)
contains.

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Color

**XYZ(40.4410, 43.8430,
21.9539)**

Conversions

Conversions Part 1

Format	Color
Hex	C0B171
RGB	192, 177, 113
RGB Percent	75%, 69%, 44%
CMY	0.2471, 0.3059, 0.5569
CMYK	0.00, 0.08, 0.41, 0.25
HSL	49°, 39%, 60%
HSV	49°, 41%, 75%
XYZ	40.4410, 43.8430, 21.9539
YIQ	174.1890, 29.4840, -16.7240

Conversions

Conversions Part 2

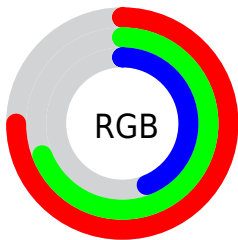
Format	Color
RYB	132, 192, 113
Decimal	12628337
CIELab	72.12, -3.78, 34.66
CIElCh	72, 34.865, 96.218
Yxy	43.8430, 0.3807, 0.4127
Android (android.graphics.Color)	4290818417 (0xFFC0B171)
YUV	174.1890, -30.1662, 15.6202
Hunter-Lab	66.2140, -6.8536, 26.6917

Details

The XYZ color **40.4410, 43.8430, 21.9539** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **24.0435, 22.7541, 52.9939**, and the grayscale version is **40.4698, 42.5774, 46.3668**.

A 20% lighter version of the original color is **75.4462, 81.3550, 47.8030**, and **18.5756, 20.3558, 7.8005** is the 20% darker color. If you saturate the color by 10%, you get **38.7625, 42.0367, 16.6141**, and if you desaturate by 10%, it is **42.3696, 45.7833, 28.5063**.

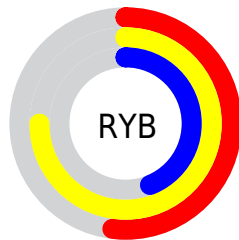
Distribution



Red (75%)

Green (69%)

Blue (44%)



Red (52%)

Yellow (75%)

Blue (44%)

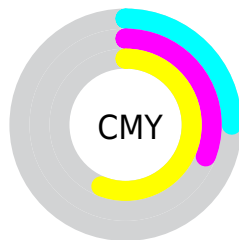


Cyan (0%)

Magenta (8%)

Yellow (41%)

Black (25%)



Cyan (25%)

Magenta (31%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.4410, 43.8430, 21.9539 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 40.4410, 43.8430, 21.9539 by changing the saturation by 10% instead.

■ 40.4410, 43.8430,
21.9539

■ 40.4410, 43.8430,
21.9539

339.0815,
362.0672, 275.2511

■ 28.0683, 30.5471,
13.6250

■ 75.1147, 80.9814,
47.5710

■ 18.5179, 20.2542,
7.7246

■ 98.1463, 105.5928,
65.6963

■ 11.4244, 12.5800,
3.8340

■ 125.4617,
134.7447, 87.9242

■ 6.4224, 7.1400,
1.5347

■ 157.4261,
168.8216, 114.6732

■ 3.1467, 3.5498,
0.2436

194.4050,
208.2080, 146.3619

■ 1.2318, 1.4251,
0.0000

236.7636,

■ 0.1313, 0.2351,

253.2881, 183.4087

0.0000

284.8673,
304.4464, 226.2323

■ 0.0000, 0.0000,
0.0000

■ 40.4410, 43.8430,
21.9539

■ 40.4410, 43.8430,
21.9539

■ 38.7625, 42.0367,
16.6141

■ 42.3696, 45.7833,
28.5063

■ 37.3162, 40.3522,
12.4074

■ 44.5584, 47.8571,
36.3385

■ 36.0867, 38.7847,
9.2494

■ 47.0210, 50.0716,
45.5160

■ 35.0555, 37.3266,
7.0424

■ 49.7690, 52.4318,
56.0991

■ 34.2002, 35.9686,
5.6705

■ 52.8131, 54.9421,
68.1442

■ 33.5522, 34.8346,
4.9553

■ 56.1637, 57.6069,
81.7050

■ 59.8306, 60.4303,
96.8321

■ 61.8981, 62.6463,
103.4373

■ 62.7866, 64.4233,
103.7335

Harmonies

Analogous

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



46.4722, 43.8430, 23.5380



40.4410, 43.8430, 21.9539



35.2526, 43.8430, 25.8300

Triad

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



40.4410, 43.8430, 21.9539



33.0825, 43.8430, 69.9063



53.0785, 43.8430, 62.2541

Complementary

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



40.4410, 43.8430, 21.9539



24.0435, 22.7541, 52.9939

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.



48.8257, 43.8430, 79.4619



40.4410, 43.8430, 21.9539



37.2133, 43.8430, 84.5665

Square

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



40.4410, 43.8430, 21.9539



31.2734, 43.8430, 51.3860



42.9266, 43.8430, 88.4263



54.1513, 43.8430, 44.2661

Rectangle

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



40.4410, 43.8430, 21.9539



32.8433, 43.8430, 31.6969



42.9266, 43.8430, 88.4263



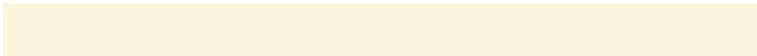
51.9549, 43.8430, 68.4413

Sweetspot

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



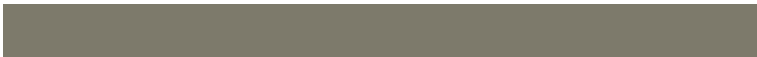
40.4421, 43.8450, 21.9548



84.7084, 90.2947, 80.6131



31.5928, 24.5969, 23.7824



18.0422, 19.2557, 16.8021



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



40.4421, 43.8450, 21.9548



70.6240, 76.6004, 31.2955



38.0429, 47.2494, 22.7384



10.7457, 11.4228, 10.7003



22.6310, 23.5477, 3.3524



1.0207, 1.1032, 0.1591

Inverse Universe

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



24.0435, 22.7541, 52.9939



37.0761, 33.4766, 94.8678



25.6874, 20.9096, 52.5512



9.6796, 10.0505, 12.7146



6.8791, 3.5146, 33.8724



0.3449, 0.2472, 1.4794

Previews

White Background



This preview shows how the XYZ color 40.4410, 43.8430, 21.9539 looks on a white background.

Color Contrast Check

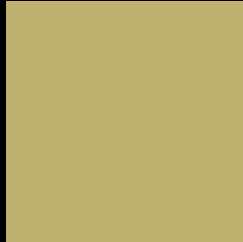
Large Text (above 18pt) WCAG AA × Fail

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 40.4410, 43.8430, 21.9539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

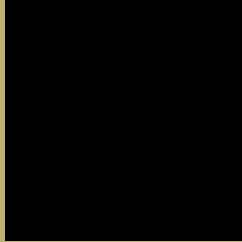
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.4410, 43.8430, 21.9539

Background



This preview shows how black text looks on a background with the XYZ color 40.4410, 43.8430, 21.9539.



This preview shows how white text looks on a background with the XYZ color 40.4410, 43.8430,

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

40.4410, 43.8430, 21.9539

Protanopia

40.6951, 43.9740, 21.9658

Deuteranopia

44.7231, 43.7599, 22.3090



Tritanopia

46.1847, 43.8954, 50.2944

Trichromacy



Original Color

40.4410, 43.8430, 21.9539

Protanomaly

40.6951, 43.9740, 21.9658

Deuteranomaly

42.9666, 43.6991, 22.0898

Tritanomaly

43.6033, 43.6751, 38.0303

Monochromacy



Original Color

40.4410, 43.8430, 21.9539

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.0535, 42.7507, 35.8464

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.4410, 43.8430, 21.9539 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(192, 177, 113)` looks like.

```
.text, #text, p{  
    color:rgb(192, 177, 113)  
}
```

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(192, 177, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 177, 113) }
```

Border

The CSS property to change the border of an element to XYZ 40.4410, 43.8430, 21.9539 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(192, 177, 113) }
```


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

```
.border{ border-color:rgb(192, 177, 113) }
```

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

Here you see how a box with a 4 pixel rgb(192, 177, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 177, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 177, 113);  
box-shadow:4px 4px 4px 4px rgb(192, 177,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 40.4410, 43.8430, 21.9539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 177, 113) }
```

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

```
.background{ background-color: rgb(192,  
177, 113) }
```

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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