

Converting Colors

XYZ(43.3452, 48.0923, 21.4662)

Have a look what the booklet for
XYZ(43.3452, 48.0923, 21.4662)
contains.

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Color

**XYZ(43.3452, 48.0923,
21.4662)**

Conversions

Conversions Part 1

Format	Color
Hex	C5BA6D
RGB	197, 186, 109
RGB Percent	77%, 73%, 43%
CMY	0.2275, 0.2706, 0.5725
CMYK	0.00, 0.06, 0.45, 0.23
HSL	53°, 43%, 60%
HSV	53°, 45%, 77%
XYZ	43.3452, 48.0923, 21.4662
YIQ	180.5110, 31.2730, -21.6150

Conversions

Conversions Part 2

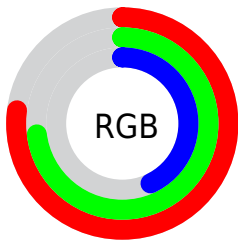
Format	Color
RYB	122, 197, 109
Decimal	12958317
CIELab	74.88, -6.88, 40.29
CIELCh	75, 40.875, 99.685
Yxy	48.0923, 0.3839, 0.4260
Android (android.graphics.Color)	4291148397 (0xFFC5BA6D)
YUV	180.5110, -35.2549, 14.4609
Hunter-Lab	69.3486, -9.7916, 30.1914

Details

The XYZ color **43.3452, 48.0923, 21.4662** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **23.1010, 20.7147, 55.6040**, and the grayscale version is **43.8304, 46.1130, 50.2170**.

A 20% lighter version of the original color is **79.5137, 87.3729, 46.8563**, and **20.1615, 22.7535, 7.4669** is the 20% darker color. If you saturate the color by 10%, you get **41.8877, 46.6885, 16.3219**, and if you desaturate by 10%, it is **45.0517, 49.6135, 27.8671**.

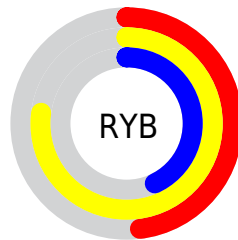
Distribution



Red (77%)

Green (73%)

Blue (43%)



Red (48%)

Yellow (77%)

Blue (43%)

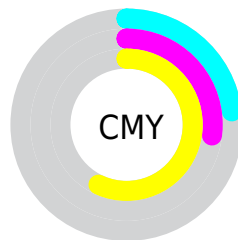


Cyan (0%)

Magenta (6%)

Yellow (45%)

Black (23%)



Cyan (23%)

Magenta (27%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.3452, 48.0923, 21.4662 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 43.3452, 48.0923, 21.4662 by changing the saturation by 10% instead.

■ 43.3452, 48.0923,
21.4662

■ 43.3452, 48.0923,
21.4662

350.9270,
379.1579, 272.6078

■ 30.3518, 33.9000,
13.2707

■ 79.4840, 87.3418,
46.7530

■ 20.2551, 22.8168,
7.4823

■ 103.3600,
113.1678, 64.6812

■ 12.6900, 14.4583,
3.6825

■ 131.5943,
143.6405, 86.6909

■ 7.2909, 8.4401,
1.4528

■ 164.5522,
179.1442, 113.2004

■ 3.6926, 4.3778,
0.1824

202.5991,
220.0634, 144.6282

■ 1.5298, 1.8871,
0.0000

246.1003,

■ 0.3460, 0.5406,

266.7825, 181.3931

0.0000

295.4211,
319.6859, 223.9134

■ 0.0000, 0.0000,
0.0000

■ 43.3452, 48.0923,
21.4662

■ 43.3452, 48.0923,
21.4662

■ 41.8877, 46.6885,
16.3219

■ 45.0517, 49.6135,
27.8671

■ 40.6596, 45.3889,
12.3467

■ 47.0182, 51.2514,
35.5985

■ 39.6438, 44.1883,
9.4463


■ 49.2595, 53.0135,
44.7321


■ 38.8196, 43.0785,
7.5109


■ 51.7879, 54.9051,
55.3334


■ 38.1614, 42.0491,
6.4067


■ 54.6154, 56.9308,
67.4641

 37.8521, 41.5227,
6.0197

 57.7528, 59.0952,
81.1820

 61.2107, 61.4024,
96.5422

 63.0741, 63.0867,
103.4603

 63.6702, 64.2788,
103.6590

Harmonies

Analogous

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



50.8602, 48.0923, 22.5689



43.3452, 48.0923, 21.4662



37.1686, 48.0923, 26.7353

Triad

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



43.3452, 48.0923, 21.4662



35.5593, 48.0923, 83.1329



60.4848, 48.0923, 67.9191

Complementary

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



43.3452, 48.0923, 21.4662



23.1010, 20.7147, 55.6040

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.



55.4696, 48.0923, 90.6551



43.3452, 48.0923, 21.4662



40.9203, 48.0923, 100.9621

Square

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



43.3452, 48.0923, 21.4662



33.0065, 48.0923, 59.5650



48.1599, 48.0923, 104.0369



61.3156, 48.0923, 45.7687

Rectangle

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



43.3452, 48.0923, 21.4662



34.4374, 48.0923, 34.2838



48.1599, 48.0923, 104.0369



59.2085, 48.0923, 75.8919

Sweetspot

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



43.3464, 48.0945, 21.4672



88.8576, 95.4317, 82.7387



31.9298, 24.1820, 20.9889



18.8136, 20.2690, 16.8583



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.



43.3464, 48.0945, 21.4672



74.9836, 83.5816, 29.1030



38.1884, 49.0074, 21.9153



11.4065, 12.1821, 11.3130



24.9392, 27.3955, 3.9734



1.2134, 1.3622, 0.1990

Inverse Universe

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



23.1010, 20.7147, 55.6040



34.0215, 28.2127, 98.2602



26.5770, 20.6552, 55.4093



10.1617, 10.4975, 13.4081



6.8859, 3.1657, 34.9925



0.3623, 0.2224, 1.6690

Previews

White Background



This preview shows how the XYZ color 43.3452, 48.0923, 21.4662 looks on a white background.

Color Contrast Check

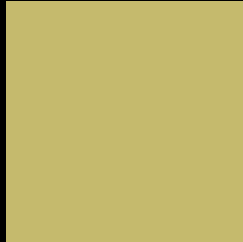
Large Text (above 18pt) WCAG AA × Fail

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 43.3452, 48.0923, 21.4662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

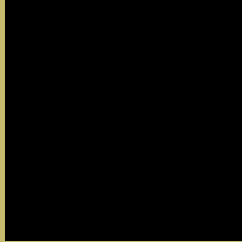
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.3452, 48.0923, 21.4662

Background



This preview shows how black text looks on a background with the XYZ color 43.3452, 48.0923, 21.4662.



This preview shows how white text looks on a background with the XYZ color 43.3452, 48.0923,

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

43.3452, 48.0923, 21.4662

Protanopia

44.2044, 47.9202, 21.1071

Deuteranopia

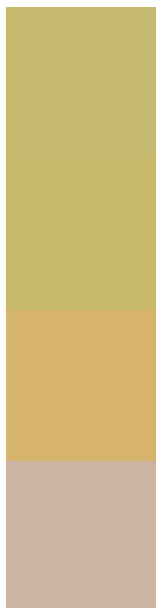
48.8260, 47.8863, 21.7085



Tritanopia

50.2732, 47.8902, 55.3092

Trichromacy



Original Color

43.3452, 48.0923, 21.4662

Protanomaly

43.8752, 48.0600, 21.1514

Deuteranomaly

46.8673, 48.0644, 21.5590

Tritanomaly

47.3829, 47.9122, 40.4689

Monochromacy



Original Color

43.3452, 48.0923, 21.4662

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.3434, 46.7983, 37.7589

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3452, 48.0923, 21.4662 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(197, 186, 109)` looks like.

```
.text, #text, p{  
    color:rgb(197, 186, 109)  
}
```

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(197, 186, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 186, 109) }
```

Border

The CSS property to change the border of an element to XYZ 43.3452, 48.0923, 21.4662 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(197, 186, 109) }
```


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

```
.border{ border-color:rgb(197, 186, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 186, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 186, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 186, 109);  
box-shadow:4px 4px 4px 4px rgb(197, 186,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3452, 48.0923, 21.4662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 186, 109) }
```

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

```
.background{ background-color: rgb(197,  
186, 109) }
```

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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