

Converting Colors

XYZ(48.8431, 52.3398, 43.0270)

Have a look what the booklet for
XYZ(48.8431, 52.3398, 43.0270)
contains.

XYZ(48.9299, 52.4217, 43.1368)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(48.9299, 52.4217,
43.1368)**

Conversions

Conversions Part 1

Format	Color
Hex	C6C0A5
RGB	198, 192, 165
RGB Percent	78%, 75%, 65%
CMY	0.2235, 0.2470, 0.3529
CMYK	0.00, 0.03, 0.17, 0.22
HSL	49°, 22%, 71%
HSV	49°, 17%, 78%
XYZ	48.9299, 52.4217, 43.1368
YIQ	190.7160, 12.2430, -7.1250

Conversions

Conversions Part 2

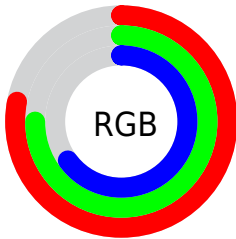
Format	Color
RYB	172, 198, 165
Decimal	13025445
CIELab	77.53, -2.43, 14.37
CIELCh	78, 14.576, 99.594
Yxy	52.4217, 0.3386, 0.3628
Android (android.graphics.Color)	4291215525 (0xFFC6C0A5)
YUV	190.7160, -12.6780, 6.3881
Hunter-Lab	72.4028, -6.0745, 15.3577

Details

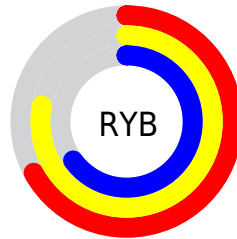
The XYZ color **48.9299, 52.4217, 43.1368** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.2728, 41.2015, 59.2566**, and the grayscale version is **49.4241, 51.9980, 56.6258**.

A 20% lighter version of the original color is **87.7257, 93.5621, 81.1458**, and **23.7149, 25.5868, 19.3116** is the 20% darker color. If you saturate the color by 10%, you get **46.4857, 50.1973, 34.1085**, and if you desaturate by 10%, it is **51.6753, 54.8010, 53.6433**.

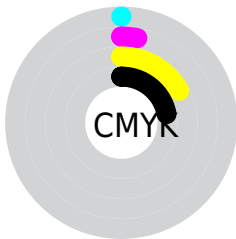
Distribution



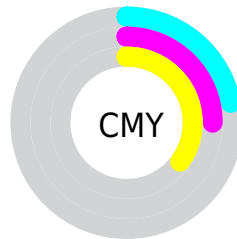
- Red (78%)
- Green (75%)
- Blue (65%)



- Red (67%)
- Yellow (78%)
- Blue (65%)



- Cyan (0%)
- Magenta (3%)
- Yellow (17%)
- Black (22%)



- Cyan (22%)
- Magenta (25%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.9299, 52.4217, 43.1368 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 48.9299, 52.4217, 43.1368 by changing the saturation by 10% instead.

■ 48.9299, 52.4217,
43.1368

■ 48.9299, 52.4217,
43.1368

372.9878,
396.0624, 375.1118

■ 34.7782, 37.3413,
29.6603

■ 87.7887, 93.7529,
81.2058

■ 23.6578, 25.4719,
19.3310

■ 113.2265,
120.7724, 106.6354

■ 15.2033, 16.4290,
11.7305

143.1570,
152.5405, 136.8864

■ 9.0494, 9.8282,
6.4401

177.9455,
189.4415, 172.3774

■ 4.8308, 5.2852,
3.0414

217.9576,
231.8598, 213.5269

■ 2.1821, 2.4156,
1.1158

263.5584,

■ 0.7333, 0.8339,

280.1798, 260.7534

0.0000

315.1133,
334.7859, 314.4755

■ 0.0000, 0.0000,
0.0000

■ 48.9299, 52.4217,
43.1368

■ 48.9299, 52.4217,
43.1368

■ 46.4857, 50.1973,
34.1085

■ 51.6753, 54.8010,
53.6433

■ 44.3255, 48.1153,
26.4877

■ 54.7298, 57.3334,
65.6877

■ 42.4369, 46.1725,
20.2027

■ 58.1061, 60.0258,
79.3306

■ 40.8045, 44.3624,
15.1743

■ 61.8152, 62.8828,
94.6282

■ 39.4118, 42.6782,
11.3149

■ 64.3836, 65.3153,
103.8215

■ 38.2396, 41.1120,
8.5256

■ 65.2818, 67.1117,
104.1209

■ 37.2661, 39.6548,
6.6909

■ 66.2001, 68.9482,
104.4270

■ 36.4623, 38.2948,
5.6594

■ 67.1386, 70.8252,
104.7398

■ 36.2138, 37.8557,
5.3982

■ 68.0974, 72.7429,
105.0594

Harmonies

Analogous

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



51.7334, 52.4217, 43.7660



48.9299, 52.4217, 43.1368



46.4595, 52.4217, 45.9630

Triad

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



48.9299, 52.4217, 43.1368



45.7757, 52.4217, 67.5223



55.0641, 52.4217, 62.6467

Complementary

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



48.9299, 52.4217, 43.1368



40.2728, 41.2015, 59.2566

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.



53.3497, 52.4217, 69.8551



48.9299, 52.4217, 43.1368



47.9646, 52.4217, 72.8485

Square

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



48.9299, 52.4217, 43.1368



44.6842, 52.4217, 59.6971



50.7315, 52.4217, 73.7402



55.3463, 52.4217, 54.5373

Rectangle

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



48.9299, 52.4217, 43.1368



45.3080, 52.4217, 49.5977



50.7315, 52.4217, 73.7402



54.6332, 52.4217, 65.2757

Sweetspot

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



48.9313, 52.4240, 43.1379



92.3300, 97.7367, 98.2002



44.0999, 41.8589, 44.3090



19.6831, 20.8528, 20.7092



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.



48.9313, 52.4240, 43.1379



85.0139, 91.3693, 70.2821



47.6145, 53.7396, 43.4612



11.3537, 12.0766, 11.2954



23.6080, 24.7332, 3.5297



1.1617, 1.2589, 0.1818

Inverse Universe

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



40.2728, 41.2015, 59.2566



66.8131, 67.7799, 104.1691



41.4292, 40.1543, 58.9935



10.2100, 10.5940, 13.4242



7.0843, 3.5625, 35.0586



0.3843, 0.2664, 1.6763

Previews

White Background



This preview shows how the XYZ color 48.9299, 52.4217, 43.1368 looks on a white background.

Color Contrast Check

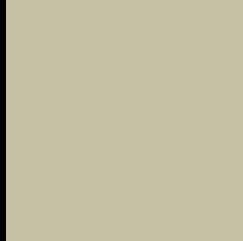
Large Text (above 18pt) WCAG AA × Fail

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 48.9299, 52.4217, 43.1368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

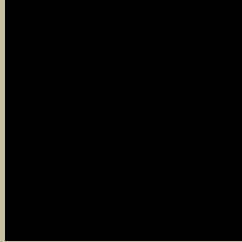
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

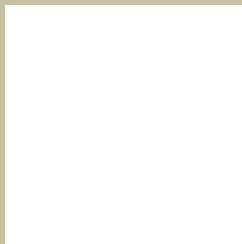
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.9299, 52.4217, 43.1368

Background



This preview shows how black text looks on a background with the XYZ color 48.9299, 52.4217, 43.1368.



This preview shows how white text looks on a background with the XYZ color 48.9299, 52.4217,

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

48.9299, 52.4217, 43.1368

Protanopia

49.5097, 52.3957, 43.1013

Deuteranopia

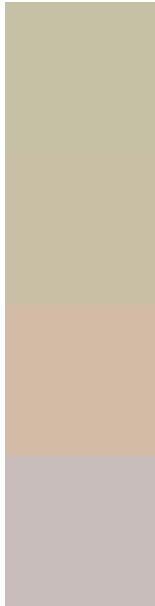
53.3290, 52.1311, 43.8108



Tritanopia

52.9415, 52.4542, 62.5927

Trichromacy



Original Color

48.9299, 52.4217, 43.1368

Protanomaly

49.2418, 52.2576, 43.0887

Deuteranomaly

51.5172, 52.1427, 43.4257

Tritanomaly

51.3621, 52.4435, 54.9925

Monochromacy



Original Color

48.9299, 52.4217, 43.1368

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.3224, 52.1083, 51.7143

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.9299, 52.4217, 43.1368 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(198, 192, 165)` looks like.

```
.text, #text, p{  
    color:rgb(198, 192, 165)  
}
```

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(198, 192, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 192, 165) }
```

Border

The CSS property to change the border of an element to XYZ 48.9299, 52.4217, 43.1368 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(198, 192, 165) }
```


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

```
.border{ border-color:rgb(198, 192, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 192, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 192, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 192, 165);  
box-shadow:4px 4px 4px 4px rgb(198, 192,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 48.9299, 52.4217, 43.1368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 192, 165) }
```

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

```
.background{ background-color: rgb(198,  
192, 165) }
```

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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