

Converting Colors

XYZ(48.5389, 52.2952, 24.9885)

Have a look what the booklet for
XYZ(48.5389, 52.2952, 24.9885)
contains.

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Color

**XYZ(48.5389, 52.2952,
24.9885)**

Conversions

Conversions Part 1

Format	Color
Hex	D2BF77
RGB	210, 191, 119
RGB Percent	82%, 75%, 47%
CMY	0.1765, 0.2510, 0.5333
CMYK	0.00, 0.09, 0.43, 0.18
HSL	47°, 50%, 65%
HSV	47°, 43%, 82%
XYZ	48.5389, 52.2952, 24.9885
YIQ	188.4730, 34.4360, -18.3640

Conversions

Conversions Part 2

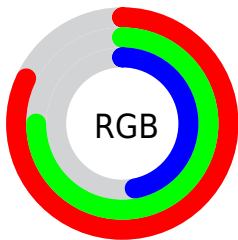
Format	Color
RYB	143, 210, 119
Decimal	13811575
CIELab	77.46, -3.18, 38.68
CIELCh	77, 38.813, 94.692
Yxy	52.2952, 0.3858, 0.4156
Android (android.graphics.Color)	4292001655 (0xFFD2BF77)
YUV	188.4730, -34.2502, 18.8792
Hunter-Lab	72.3154, -6.7408, 30.1332

Details

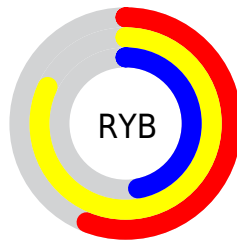
The XYZ color **48.5389, 52.2952, 24.9885** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **28.3288, 26.7511, 64.6429**, and the grayscale version is **48.2455, 50.7580, 55.2754**.

A 20% lighter version of the original color is **81.9472, 90.7601, 52.2291**, and **23.4891, 25.4767, 9.3097** is the 20% darker color. If you saturate the color by 10%, you get **46.4733, 49.9641, 18.7505**, and if you desaturate by 10%, it is **50.9144, 54.7999, 32.7057**.

Distribution



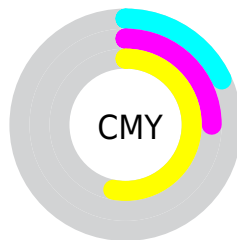
- Red (82%)
- Green (75%)
- Blue (47%)



- Red (56%)
- Yellow (82%)
- Blue (47%)



- Cyan (0%)
- Magenta (9%)
- Yellow (43%)
- Black (18%)



- Cyan (18%)
- Magenta (25%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.5389, 52.2952, 24.9885 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 48.5389, 52.2952, 24.9885 by changing the saturation by 10% instead.

■ 48.5389, 52.2952,
24.9885

■ 48.5389, 52.2952,
24.9885

371.4714,
395.5752, 291.2265

■ 34.4669, 37.2404,
15.8495

■ 87.2111, 93.5665,
52.6025

■ 23.4171, 25.3937,
9.2645

■ 112.5419,
120.5517, 71.9145

■ 15.0242, 16.3706,
4.8150

■ 142.3565,
152.2826, 95.4547

■ 8.9228, 9.7868,
2.0823

177.0200,
189.1435, 123.6416

■ 4.7475, 5.2578,
0.6052

216.8979,
231.5188, 156.8937

■ 2.1331, 2.3993,
0.0000

262.3555,

■ 0.7071, 0.8255,

279.7930, 195.6295

0.0000

313.7582,
334.3503, 240.2676

■ 0.0000, 0.0000,
0.0000

■ 48.5389, 52.2952,
24.9885

■ 48.5389, 52.2952,
24.9885

■ 46.4733, 49.9641,
18.7505

■ 50.9144, 54.7999,
32.7057

■ 44.6948, 47.7913,
13.8906

■ 53.6130, 57.4780,
41.9879

■ 43.1838, 45.7705,
10.3002

■ 56.6518, 60.3388,
52.9178

■ 41.9159, 43.8916,
7.8530

■ 60.0455, 63.3885,
65.5717

■ 40.8620, 42.1424,
6.3962

■ 63.8078, 66.6330,
80.0209

■ 40.2447, 41.0345,
5.7993

■ 67.9517, 70.0777,
96.3327

■ 70.6670, 72.9991,
104.9734

■ 71.8443, 75.3537,
105.3659

■ 73.0520, 77.7692,
105.7684

Harmonies

Analogous

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



56.1032, 52.2952, 27.2547



48.5389, 52.2952, 24.9885



41.9677, 52.2952, 29.3667

Triad

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



48.5389, 52.2952, 24.9885



38.8030, 52.2952, 83.7181



63.8578, 52.2952, 76.4035

Complementary

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



48.5389, 52.2952, 24.9885



28.3288, 26.7511, 64.6429

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.



58.3392, 52.2952, 97.9157



48.5389, 52.2952, 24.9885



43.8128, 52.2952, 102.8272

Square

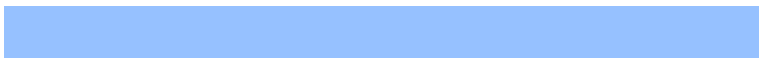
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



48.5389, 52.2952, 24.9885



36.7168, 52.2952, 60.3735



50.8897, 52.2952, 108.5830



65.4434, 52.2952, 53.6403

Rectangle

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



48.5389, 52.2952, 24.9885



38.8780, 52.2952, 36.3161



50.8897, 52.2952, 108.5830



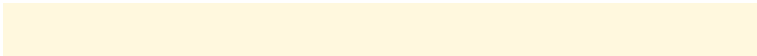
62.3758, 52.2952, 84.1869

Sweetspot

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



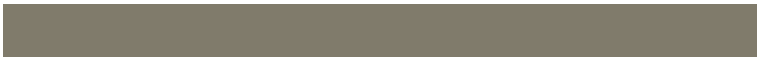
48.5402, 52.2976, 24.9896



87.9969, 93.7102, 82.4518



37.8150, 28.7516, 27.8749



18.5992, 19.8402, 16.7868



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.



48.5402, 52.2976, 24.9896



72.3350, 77.7897, 29.7450



46.1956, 57.6421, 26.1447



12.5852, 13.3611, 12.5277



24.6233, 25.1796, 3.5624



1.4307, 1.5157, 0.2172

Inverse Universe

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



28.3288, 26.7511, 64.6429



37.0515, 33.2243, 99.0679



29.8691, 23.8475, 64.0013



11.3608, 11.8118, 14.9248



7.7007, 4.0480, 37.5680



0.4892, 0.3436, 2.1201

Previews

White Background



This preview shows how the XYZ color 48.5389, 52.2952, 24.9885 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 48.5389, 52.2952, 24.9885 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

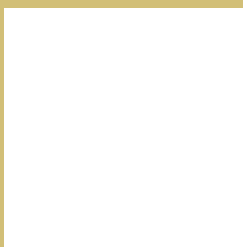
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.5389, 52.2952, 24.9885

Background



This preview shows how black text looks on a background with the XYZ color 48.5389, 52.2952, 24.9885.



This preview shows how white text looks on a background with the XYZ color 48.5389, 52.2952,

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

48.5389, 52.2952, 24.9885

Protanopia

48.2551, 52.1488, 24.9752

Deuteranopia

53.3397, 52.2364, 25.3605



Tritanopia

55.6052, 52.3468, 59.3978

Trichromacy



Original Color

48.5389, 52.2952, 24.9885

Protanomaly

48.2551, 52.1488, 24.9752

Deuteranomaly

51.3805, 52.1619, 25.1295

Tritanomaly

52.4412, 51.9721, 44.3135

Monochromacy



Original Color

48.5389, 52.2952, 24.9885

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

47.5734, 50.7753, 41.9436

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.5389, 52.2952, 24.9885 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(210, 191, 119)` looks like.

```
.text, #text, p{  
    color:rgb(210, 191, 119)  
}
```

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(210, 191, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 191, 119) }
```

Border

The CSS property to change the border of an element to XYZ 48.5389, 52.2952, 24.9885 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(210, 191, 119) }
```


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

```
.border{ border-color:rgb(210, 191, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 191, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 191, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 191, 119);  
box-shadow:4px 4px 4px 4px rgb(210, 191,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 48.5389, 52.2952, 24.9885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 191, 119) }
```

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

```
.background{ background-color: rgb(210,  
191, 119) }
```

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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