

Converting Colors

XYZ(44.5088, 52.6776, 23.5512)

Have a look what the booklet for
XYZ(44.5088, 52.6776, 23.5512)
contains.

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Color

**XYZ(44.4099, 52.5276,
23.4210)**

Conversions

Conversions Part 1

Format	Color
Hex	BEC671
RGB	190, 198, 113
RGB Percent	75%, 78%, 44%
CMY	0.2549, 0.2235, 0.5569
CMYK	0.04, 0.00, 0.43, 0.22
HSL	66°, 43%, 61%
HSV	66°, 43%, 78%
XYZ	44.4099, 52.5276, 23.4210
YIQ	185.9180, 22.5170, -28.1310

Conversions

Conversions Part 2

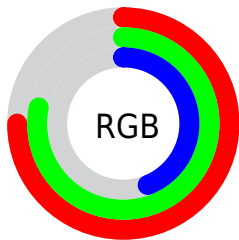
Format	Color
RYB	113, 198, 121
Decimal	12502641
CIELab	77.60, -15.44, 41.54
CIELCh	78, 44.315, 110.392
Yxy	52.5276, 0.3690, 0.4364
Android (android.graphics.Color)	4290692721 (0xFFBEC671)
YUV	185.9180, -35.9486, 3.5799
Hunter-Lab	72.4759, -17.4563, 31.5733

Details

The XYZ color **44.4099, 52.5276, 23.4210** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **23.9853, 19.9538, 56.0165**, and the grayscale version is **46.8135, 49.2514, 53.6348**.

A 20% lighter version of the original color is **81.3543, 94.2296, 49.9767**, and **20.8621, 25.4563, 8.5166** is the 20% darker color. If you saturate the color by 10%, you get **42.9523, 51.8930, 18.1554**, and if you desaturate by 10%, it is **46.1192, 53.2674, 29.9699**.

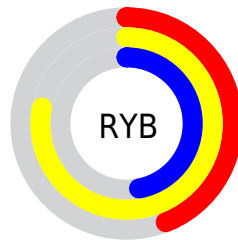
Distribution



Red (75%)

Green (78%)

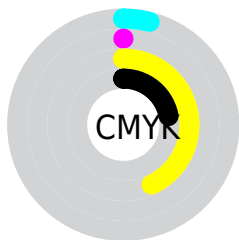
Blue (44%)



Red (44%)

Yellow (78%)

Blue (47%)

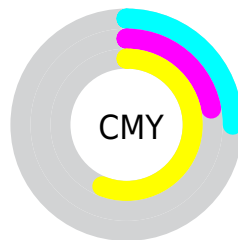


Cyan (4%)

Magenta (0%)

Yellow (43%)

Black (22%)



Cyan (25%)

Magenta (22%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.4099, 52.5276, 23.4210 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 44.4099, 52.5276, 23.4210 by changing the saturation by 10% instead.

■ 44.4099, 52.5276,
23.4210

■ 44.4099, 52.5276,
23.4210

355.2024,
396.4701, 283.0717

■ 31.1922, 37.4258,
14.6965

■ 81.0767, 93.9089,
50.0156

■ 20.8978, 25.5373,
8.4624

■ 105.2565,
120.9571, 68.7228

■ 13.1613, 16.4778,
4.3002

■ 133.8211,
152.7563, 91.5946

■ 7.6175, 9.8629,
1.7915

■ 167.1357,
189.6908, 119.0495

■ 3.9009, 5.3082,
0.4223

205.5658,
232.1451, 151.5061

■ 1.6462, 2.4292,
0.0000

249.4767,

■ 0.4223, 0.8408,

280.5034, 189.3830

0.0000

299.2338,
335.1503, 233.0987

■ 0.0000, 0.0000,
0.0000

■ 44.4099, 52.5276,
23.4210

■ 44.4099, 52.5276,
23.4210

■ 42.9523, 51.8930,
18.1554

■ 46.1192, 53.2674,
29.9699

■ 41.7266, 51.3499,
14.0856

■ 48.0911, 54.1109,
37.8754

■ 40.7162, 50.8936,
11.1186


■ 50.3401, 55.0661,
47.2091


■ 39.9004, 50.5159,
9.1459


■ 52.8787, 56.1378,
58.0368


■ 39.2546, 50.2069,
8.0374


■ 55.7188, 57.3307,
70.4200

 38.8683, 50.0169,
7.6056

 58.8713, 58.6494,
84.4169

 62.3467, 60.0979,
100.0826

 63.3995, 60.5781,
102.9590

 63.9168, 60.8447,
102.9832

Harmonies

Analogous

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



52.7226, 52.5276, 22.1798



44.4099, 52.5276, 23.4210



38.2930, 52.5276, 32.1063

Triad

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



44.4099, 52.5276, 23.4210



40.1543, 52.5276, 101.7164



67.9678, 52.5276, 65.4242

Complementary

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



44.4099, 52.5276, 23.4210



23.9853, 19.9538, 56.0165

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.



63.7041, 52.5276, 92.7994



44.4099, 52.5276, 23.4210



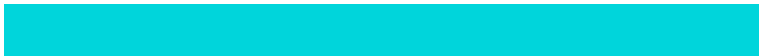
47.2299, 52.5276, 117.3652

Square

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



44.4099, 52.5276, 23.4210



36.0379, 52.5276, 75.2325



55.8807, 52.5276, 113.7031



66.9896, 52.5276, 42.2967

Rectangle

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



44.4099, 52.5276, 23.4210



35.9760, 52.5276, 42.7937



55.8807, 52.5276, 113.7031



67.0832, 52.5276, 74.5079

Sweetspot

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



44.4112, 52.5300, 23.4221



89.0254, 97.4586, 83.1211



32.9977, 26.6524, 19.0288



18.8554, 20.7755, 16.9538



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.



44.4112, 52.5300, 23.4221



76.0916, 91.9030, 32.2712



35.4650, 47.9180, 23.0034



11.4216, 12.3643, 11.3473



25.3147, 32.5455, 4.9477



1.2280, 1.5562, 0.2356

Inverse Universe

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



23.9853, 19.9538, 56.0165



35.0324, 26.3791, 97.8530



31.1190, 23.6313, 56.3504



10.1478, 10.3345, 13.3774



6.8319, 2.7562, 34.9163



0.3560, 0.1472, 1.6548

Previews

White Background



This preview shows how the XYZ color 44.4099, 52.5276, 23.4210 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 44.4099, 52.5276, 23.4210 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

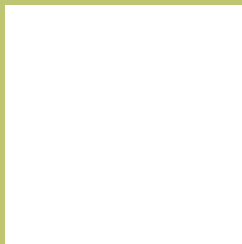
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.4099, 52.5276, 23.4210

Background



This preview shows how black text looks on a background with the XYZ color 44.4099, 52.5276, 23.4210.



This preview shows how white text looks on a background with the XYZ color 44.4099, 52.5276,

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

44.4099, 52.5276, 23.4210

Protanopia

48.2972, 52.5486, 22.6363

Deuteranopia

53.4231, 52.3071, 24.1102



Tritanopia

52.4633, 52.5101, 63.2475

Trichromacy



Original Color

44.4099, 52.5276, 23.4210

Protanomaly

46.8450, 52.4499, 22.9841

Deuteranomaly

49.7509, 51.9791, 23.9338

Tritanomaly

48.8703, 52.3373, 45.5566

Monochromacy



Original Color

44.4099, 52.5276, 23.4210

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

45.1650, 49.8949, 40.0511

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4099, 52.5276, 23.4210 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(190, 198, 113)` looks like.

```
.text, #text, p{  
    color:rgb(190, 198, 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(190, 198, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 198, 113) }
```

Border

The CSS property to change the border of an element to XYZ 44.4099, 52.5276, 23.4210 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(190, 198, 113) }
```


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

```
.border{ border-color:rgb(190, 198, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 198, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 198, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 198, 113);  
box-shadow:4px 4px 4px 4px rgb(190, 198,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4099, 52.5276, 23.4210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 198, 113) }
```

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

```
.background{ background-color: rgb(190,  
198, 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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