

Converting Colors

XYZ(52.1112, 52.5540, 45.0864)

Have a look what the booklet for
XYZ(52.1112, 52.5540, 45.0864)
contains.

XYZ(52.0831, 52.4023, 44.9057)	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(52.0831, 52.4023,
44.9057)**

Conversions

Conversions Part 1

Format	Color
Hex	D4BBA9
RGB	212, 187, 169
RGB Percent	83%, 73%, 66%
CMY	0.1686, 0.2666, 0.3372
CMYK	0.00, 0.12, 0.20, 0.17
HSL	25°, 33%, 75%
HSV	25°, 20%, 83%
XYZ	52.0831, 52.4023, 44.9057
YIQ	192.4230, 20.6780, -0.2980

Conversions

Conversions Part 2

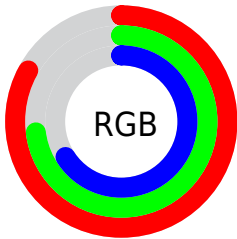
Format	Color
R _Y B	212, 200, 169
Decimal	13941673
CIE Lab	77.52, 6.05, 12.37
CIE LCh	78, 13.772, 63.941
Yxy	52.4023, 0.3486, 0.3508
Android (android.graphics.Color)	4292131753 (0xFFD4BBA9)
YUV	192.4230, -11.5475, 17.1690
Hunter-Lab	72.3894, 1.7465, 13.8929

Details

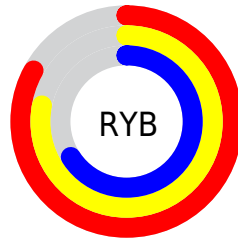
The XYZ color **52.0831, 52.4023, 44.9057** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.5372, 51.7706, 69.7748**, and the grayscale version is **50.4083, 53.0335, 57.7535**.

A 20% lighter version of the original color is **86.7451, 90.7430, 83.4642**, and **25.6406, 25.5026, 20.4007** is the 20% darker color. If you saturate the color by 10%, you get **47.7492, 46.6652, 34.4253**, and if you desaturate by 10%, it is **56.9669, 58.7220, 57.1627**.

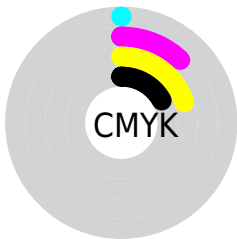
Distribution



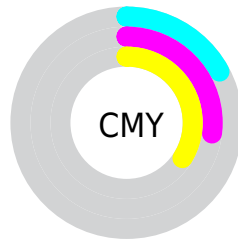
- Red (83%)
- Green (73%)
- Blue (66%)



- Red (83%)
- Yellow (78%)
- Blue (66%)



- Cyan (0%)
- Magenta (12%)
- Yellow (20%)
- Black (17%)





- Cyan (17%)
- Magenta (27%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.0831, 52.4023, 44.9057 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 52.0831, 52.4023, 44.9057 by changing the saturation by 10% instead.


 52.0831, 52.4023,
44.9057

 52.0831, 52.4023,
44.9057

385.0760,
395.9877, 382.5405

 37.2959, 37.3258,
31.0407


 92.4273, 93.7243,
83.8958

 25.6114, 25.4599,
20.3712


118.7149,
120.7386, 109.8581

 16.6643, 16.4200,
12.4784


149.5668,
152.5010, 140.6899

 10.0892, 9.8218,
6.9439

185.3481,
189.3958, 176.8097

 5.5209, 5.2810,
3.3491

226.4244,
231.8075, 218.6362

 2.5939, 2.4131,
1.2755

273.1609,

 0.9428, 0.8326,

280.1205, 266.5877

0.0416

325.9230,
334.7191, 321.0830

■ 0.0000, 0.0000,
0.0000

■ 52.0831, 52.4023,
44.9057

■ 52.0831, 52.4023,
44.9057

■ 47.7492, 46.6652,
34.4253

■ 56.9669, 58.7220,
57.1627

■ 43.9399, 41.4862,
25.6345

■ 62.4164, 65.6337,
71.2711

■ 40.6339, 36.8492,
18.4440

■ 68.4517, 73.1558,
87.3054

■ 37.8068, 32.7347,
12.7547

■ 75.0907, 81.3034,
105.3349

■ 35.4316, 29.1217,
8.4564

■ 78.9606, 88.7353,
107.5737

■ 33.4782, 25.9876,
5.4235

■ 80.9615, 92.7371,
108.2407

■ 31.9118, 23.3070,
3.5070

■ 30.7044, 21.1030,
2.4550

Harmonies

Analogous

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



54.1629, 52.4023, 49.2775



52.0831, 52.4023, 44.9057



49.4568, 52.4023, 43.6797

Triad

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



52.0831, 52.4023, 44.9057



44.8858, 52.4023, 58.0680



52.7117, 52.4023, 70.0654

Complementary

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



52.0831, 52.4023, 44.9057



47.5372, 51.7706, 69.7748

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.



50.1585, 52.4023, 72.9202



52.0831, 52.4023, 44.9057



45.6908, 52.4023, 65.6154

Square

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



52.0831, 52.4023, 44.9057



45.3603, 52.4023, 50.8729



47.5978, 52.4023, 71.2241



54.5348, 52.4023, 63.7234

Rectangle

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



52.0831, 52.4023, 44.9057



47.7639, 52.4023, 44.7114



47.5978, 52.4023, 71.2241



51.9072, 52.4023, 71.4891

Sweetspot

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



52.0845, 52.4047, 44.9068



89.9117, 93.5096, 95.5149



51.0868, 46.2724, 57.3274



19.1293, 19.8680, 20.1459



0.0000, 0.0000, 0.0000



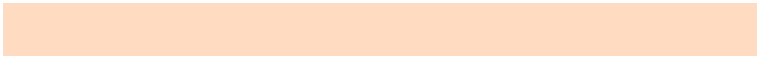
20.3446, 21.4041, 23.3091

Same Dimension

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



52.0845, 52.4047, 44.9068



76.3977, 76.0311, 61.5701



56.9707, 62.1771, 46.5355



12.8463, 13.2667, 13.0444



19.0494, 13.2161, 1.5469



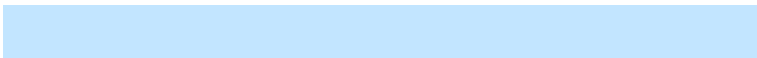
1.2298, 0.9587, 0.1202

Inverse Universe

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



47.5372, 51.7706, 69.7748



68.3700, 74.9093, 105.4632



43.1103, 42.9168, 68.2992



12.3362, 13.1959, 15.8344



11.8280, 11.9178, 40.1301



0.7944, 0.8808, 2.4475

Previews

White Background



This preview shows how the XYZ color 52.0831, 52.4023, 44.9057 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 52.0831, 52.4023, 44.9057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

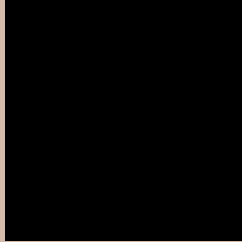
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.0831, 52.4023, 44.9057

Background



This preview shows how black text looks on a background with the XYZ color 52.0831, 52.4023, 44.9057.



This preview shows how white text looks on a background with the XYZ color 52.0831, 52.4023,

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

52.0831, 52.4023, 44.9057

Protanopia

49.8009, 52.4812, 46.0332

Deuteranopia

53.4238, 52.4679, 44.8477



Tritanopia

55.3304, 52.4971, 60.0401

Trichromacy



Original Color

52.0831, 52.4023, 44.9057

Protanomaly

50.5710, 52.5666, 45.5112

Deuteranomaly

53.0392, 52.5813, 44.8899

Tritanomaly

54.1345, 52.3159, 54.2585

Monochromacy



Original Color

52.0831, 52.4023, 44.9057

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.6184, 52.4297, 52.7995

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0831, 52.4023, 44.9057 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(212, 187, 169) looks like.

```
.text, #text, p{  
    color:rgb(212, 187, 169)  
}
```

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(212, 187, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 187, 169) }
```

Border

The CSS property to change the border of an element to XYZ 52.0831, 52.4023, 44.9057 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(212, 187, 169) }
```


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

```
.border{ border-color:rgb(212, 187, 169) }
```

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

Here you see how a box with a 4 pixel rgb(212, 187, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 187, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 187, 169);  
box-shadow:4px 4px 4px 4px rgb(212, 187,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0831, 52.4023, 44.9057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 187, 169) }
```

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

```
.background{ background-color: rgb(212,  
187, 169) }
```

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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