

Converting Colors

XYZ(52.4030, 54.1909, 44.2572)

Have a look what the booklet for
XYZ(52.4030, 54.1909, 44.2572)
contains.

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Color

**XYZ(52.4030, 54.1909,
44.2572)**

Conversions

Conversions Part 1

Format	Color
Hex	D2C0A7
RGB	210, 192, 167
RGB Percent	82%, 75%, 65%
CMY	0.1765, 0.2470, 0.3451
CMYK	0.00, 0.09, 0.20, 0.18
HSL	35°, 32%, 74%
HSV	35°, 20%, 82%
XYZ	52.4030, 54.1909, 44.2572
YIQ	194.5320, 18.7530, -3.9590

Conversions

Conversions Part 2

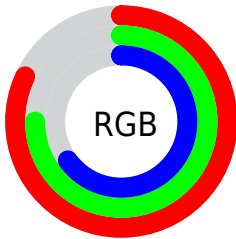
Format	Color
RYB	198, 210, 167
Decimal	13811879
CIELab	78.57, 2.35, 14.91
CIELCh	79, 15.090, 81.038
Yxy	54.1909, 0.3474, 0.3592
Android (android.graphics.Color)	4292001959 (0xFFD2C0A7)
YUV	194.5320, -13.5733, 13.5654
Hunter-Lab	73.6145, -1.7588, 15.8848

Details

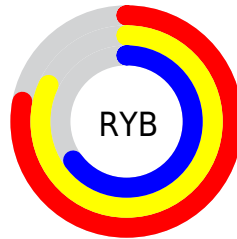
The XYZ color **52.4030, 54.1909, 44.2572** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **44.9179, 47.5654, 67.7867**, and the grayscale version is **51.6649, 54.3555, 59.1931**.

A 20% lighter version of the original color is **87.9922, 93.6687, 82.5494**, and **25.8447, 26.6716, 20.0056** is the 20% darker color. If you saturate the color by 10%, you get **48.7451, 49.7335, 34.2251**, and if you desaturate by 10%, it is **56.4944, 59.0098, 55.9903**.

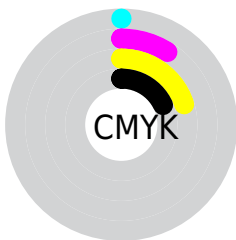
Distribution



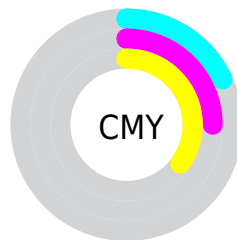
- Red (82%)
- Green (75%)
- Blue (65%)



- Red (78%)
- Yellow (82%)
- Blue (65%)



- Cyan (0%)
- Magenta (9%)
- Yellow (20%)
- Black (18%)





- Cyan (18%)
- Magenta (25%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.4030, 54.1909, 44.2572 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 52.4030, 54.1909, 44.2572 by changing the saturation by 10% instead.

 52.4030, 54.1909,
44.2572


 52.4030, 54.1909,
44.2572


386.2889,
402.8376, 379.8288

 37.5520, 38.7543,
30.5341


 92.8960, 96.3545,
82.9112

 25.8108, 26.5686,
19.9888

 119.2687,
123.8503, 108.6792

 16.8141, 17.2495,
12.2029


150.2127,
156.1345, 139.2992

 10.1965, 10.4126,
6.7578

186.0933,
193.5918, 175.1898

 5.5927, 5.6733,
3.2350

227.2758,
236.6063, 216.7696

 2.6373, 2.6475,
1.2158

274.1257,

 0.9650, 0.9506,

285.5625, 264.4569

0.0000

327.0083,
340.8448, 318.6705

0.0000, 0.0000,
0.0000

52.4030, 54.1909,
44.2572

52.4030, 54.1909,
44.2572

48.7451, 49.7335,
34.2251

56.4944, 59.0098,
55.9903

45.4991, 45.6201,
25.8100

61.0309, 64.1925,
69.4964

42.6480, 41.8427,
18.9257

66.0294, 69.7505,
84.8473

40.1716, 38.3897,
13.4766

71.5041, 75.6924,
102.1097

38.0476, 35.2488,
9.3560

74.6091, 80.8829,
106.2874

■ 36.2510, 32.4063,
6.4424

■ 77.2014, 86.0675,
107.1515

■ 34.7520, 29.8467,
4.5912

■ 79.9199, 91.5046,
108.0577

■ 33.5520, 27.6488,
3.5684

■ 80.3885, 92.4417,
108.2139

Harmonies

Analogous

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



55.1879, 54.1909, 47.1615



52.4030, 54.1909, 44.2572



49.4806, 54.1909, 44.9977

Triad

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



52.4030, 54.1909, 44.2572



46.3505, 54.1909, 65.0831



56.0837, 54.1909, 69.9165

Complementary

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



52.4030, 54.1909, 44.2572



44.9179, 47.5654, 67.7867

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.



53.5877, 54.1909, 75.6530



52.4030, 54.1909, 44.2572



47.9932, 54.1909, 72.6811

Square

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



52.4030, 54.1909, 44.2572



46.0607, 54.1909, 56.4895



50.6209, 54.1909, 76.7106



57.3661, 54.1909, 61.5935

Rectangle

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



52.4030, 54.1909, 44.2572



47.8418, 54.1909, 47.4909



50.6209, 54.1909, 76.7106



55.3544, 54.1909, 72.2434

Sweetspot

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



52.4044, 54.1933, 44.2583



90.6748, 95.0359, 95.7693



49.2216, 44.8694, 52.3173



19.3096, 20.2287, 20.2060



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.



52.4044, 54.1933, 44.2583



78.5031, 80.6958, 60.8729



55.7914, 62.1682, 45.6191



12.3716, 12.9338, 12.4565



20.5675, 17.0680, 2.2104



1.2275, 1.1093, 0.1494

Inverse Universe

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



44.9179, 47.5654, 67.7867



64.6520, 68.4352, 104.4095



42.0010, 40.8225, 66.6389



11.5644, 12.2191, 14.9927



9.3133, 7.2732, 38.1055



0.5984, 0.5619, 2.1565

Previews

White Background



This preview shows how the XYZ color 52.4030, 54.1909, 44.2572 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 52.4030, 54.1909, 44.2572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

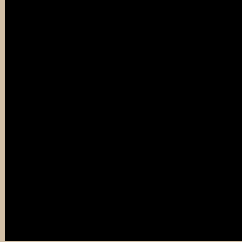
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.4030, 54.1909, 44.2572

Background



This preview shows how black text looks on a background with the XYZ color 52.4030, 54.1909, 44.2572.



This preview shows how white text looks on a background with the XYZ color 52.4030, 54.1909,

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

52.4030, 54.1909, 44.2572

Protanopia

51.2615, 54.2481, 44.8149

Deuteranopia

55.2696, 54.0558, 44.5666



Tritanopia

56.1625, 54.1011, 63.3596

Trichromacy



Original Color

52.4030, 54.1909, 44.2572

Protanomaly

51.5914, 54.0889, 44.7668

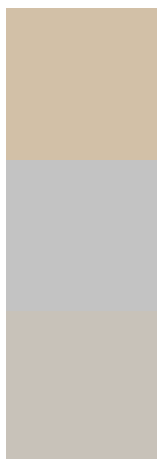
Deuteranomaly

54.1789, 54.1278, 44.6380

Tritanomaly

54.8235, 54.2154, 55.7192

Monochromacy



Original Color

52.4030, 54.1909, 44.2572

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.8682, 54.3657, 53.6588

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4030, 54.1909, 44.2572 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, 192, 167)` looks like.

```
.text, #text, p{  
    color:rgb(210, 192, 167)  
}
```

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, 192, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 192, 167) }
```

Border

The CSS property to change the border of an element to XYZ 52.4030, 54.1909, 44.2572 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, 192, 167) }
```


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

```
.border{ border-color:rgb(210, 192, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 192, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(210, 192, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(210, 192, 167); box-shadow:4px 4px 4px 4px rgb(210, 192, 167) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4030, 54.1909, 44.2572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 192, 167) }
```

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

```
.background{ background-color: rgb(210,  
192, 167) }
```

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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