

Converting Colors

XYZ(52.5297, 55.0056, 43.8051)

Have a look what the booklet for
XYZ(52.5297, 55.0056, 43.8051)
contains.

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Color

**XYZ(52.4692, 54.8921,
43.9062)**

Conversions

Conversions Part 1

Format	Color
Hex	D1C2A6
RGB	209, 194, 166
RGB Percent	82%, 76%, 65%
CMY	0.1804, 0.2392, 0.3490
CMYK	0.00, 0.07, 0.21, 0.18
HSL	39°, 32%, 74%
HSV	39°, 21%, 82%
XYZ	52.4692, 54.8921, 43.9062
YIQ	195.2930, 17.9280, -5.5280

Conversions

Conversions Part 2

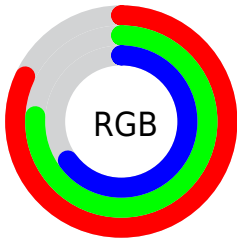
Format	Color
RYB	189, 209, 166
Decimal	13746854
CIELab	78.98, 0.77, 16.00
CIELCh	79, 16.017, 87.236
Yxy	54.8921, 0.3469, 0.3629
Android (android.graphics.Color)	4291936934 (0xFFD1C2A6)
YUV	195.2930, -14.4414, 12.0210
Hunter-Lab	74.0892, -3.2443, 16.7264

Details

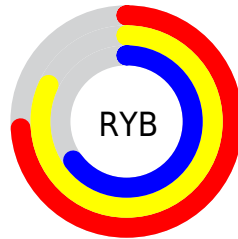
The XYZ color **52.4692, 54.8921, 43.9062** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.7580, 45.7570, 66.8475**, and the grayscale version is **52.1237, 54.8382, 59.7188**.

A 20% lighter version of the original color is **88.4768, 94.8517, 82.0516**, and **25.7418, 26.8411, 19.7437** is the 20% darker color. If you saturate the color by 10%, you get **49.1236, 51.0235, 34.0886**, and if you desaturate by 10%, it is **56.2089, 59.0494, 55.3937**.

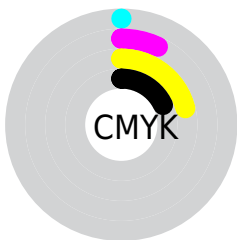
Distribution



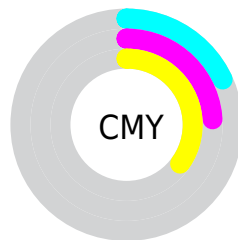
- Red (82%)
- Green (76%)
- Blue (65%)



- Red (74%)
- Yellow (82%)
- Blue (65%)



- Cyan (0%)
- Magenta (7%)
- Yellow (21%)
- Black (18%)





- Cyan (18%)
- Magenta (24%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.4692, 54.8921, 43.9062 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 52.4692, 54.8921, 43.9062 by changing the saturation by 10% instead.


 52.4692, 54.8921,
43.9062


 52.4692, 54.8921,
43.9062


386.5396,
405.5028, 378.3555

 37.6050, 39.3153,
30.2601


 92.9930, 97.3828,
82.3775

 25.8521, 27.0051,
19.7824


 119.3832,
125.0656, 108.0399

 16.8451, 17.5771,
12.0545


150.3462,
157.5525, 138.5448

 10.2187, 10.6468,
6.6578

186.2473,
195.2280, 174.3107

 5.6076, 5.8299,
3.1738

227.4518,
238.4763, 215.7561

 2.6464, 2.7419,
1.1841

274.3252,

 0.9696, 0.9985,

287.6820, 263.2998

0.0000

327.2326,
343.2293, 317.3600

■ 0.0000, 0.0000,
0.0000

■ 52.4692, 54.8921,
43.9062

■ 52.4692, 54.8921,
43.9062

■ 49.1236, 51.0235,
34.0886

■ 56.2089, 59.0494,
55.3937

■ 46.1516, 47.4279,
25.8577

■ 60.3535, 63.4959,
68.6216

■ 43.5371, 44.0991,
19.1288

■ 64.9186, 68.2414,
83.6609

■ 41.2613, 41.0274,
13.8073

■ 69.9178, 73.2930,
100.5773

■ 39.3029, 38.2026,
9.7884

■ 72.7662, 77.6185,
105.7544

■ 37.6381, 35.6131,
6.9518

■ 74.8424, 81.7709,
106.4465

■ 36.2386, 33.2456,
5.1550

■ 77.0045, 86.0951,
107.1672

■ 35.1151, 31.1963,
4.1707

■ 79.2534, 90.5930,
107.9168

■ 80.1046, 92.2954,
108.2006

Harmonies

Analogous

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



55.5581, 54.8921, 46.2001



52.4692, 54.8921, 43.9062



49.4206, 54.8921, 45.4913

Triad

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



52.4692, 54.8921, 43.9062



46.9156, 54.8921, 68.1591



57.4941, 54.8921, 69.7708

Complementary

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



52.4692, 54.8921, 43.9062



43.7580, 45.7570, 66.8475

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.



55.0263, 54.8921, 76.7573



52.4692, 54.8921, 43.9062



48.9289, 54.8921, 75.7623

Square

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



52.4692, 54.8921, 43.9062



46.2926, 54.8921, 58.9263



51.8785, 54.8921, 79.0530



58.5321, 54.8921, 60.6180

Rectangle

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



52.4692, 54.8921, 43.9062



47.8054, 54.8921, 48.6334



51.8785, 54.8921, 79.0530



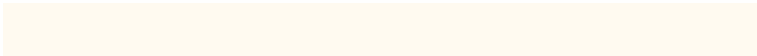
56.7995, 54.8921, 72.4846

Sweetspot

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



52.4707, 54.8946, 43.9074



91.0051, 95.6963, 95.8794



48.2768, 44.1667, 49.7241



19.3877, 20.3849, 20.2321



0.0000, 0.0000, 0.0000



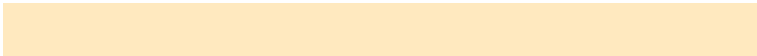
20.3446, 21.4041, 23.3091

Same Dimension

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



52.4707, 54.8946, 43.9074



79.7449, 83.1794, 61.2868



54.1900, 60.9878, 44.9929



12.4420, 13.0747, 12.4799



21.7462, 19.4254, 2.6033



1.2887, 1.2317, 0.1698

Inverse Universe

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



43.7580, 45.7570, 66.8475



63.5143, 66.1599, 104.0303



42.2577, 40.6983, 65.9502



11.4961, 12.0824, 14.9699



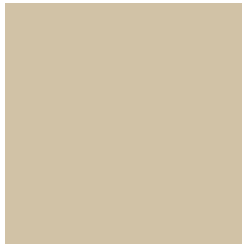
8.6440, 5.9346, 37.8824



0.5569, 0.4790, 2.1427

Previews

White Background



This preview shows how the XYZ color 52.4692, 54.8921, 43.9062 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 52.4692, 54.8921, 43.9062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

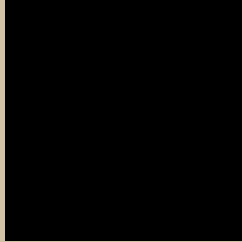
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.4692, 54.8921, 43.9062

Background



This preview shows how black text looks on a background with the XYZ color 52.4692, 54.8921, 43.9062.

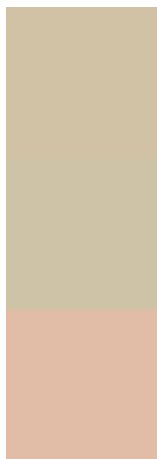


This preview shows how white text looks on a background with the XYZ color 52.4692, 54.8921,

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

52.4692, 54.8921, 43.9062

Protanopia

51.9438, 54.9420, 44.4264

Deuteranopia

56.0096, 54.7640, 44.1777



Tritanopia

56.7086, 55.0031, 64.1277

Trichromacy



Original Color

52.4692, 54.8921, 43.9062

Protanomaly

52.2223, 55.0856, 44.4394

Deuteranomaly

54.6019, 54.6770, 44.2351

Tritanomaly

55.0764, 54.9764, 56.4239

Monochromacy



Original Color

52.4692, 54.8921, 43.9062

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.9863, 54.7703, 53.1791

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4692, 54.8921, 43.9062 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(209, 194, 166) looks like.

```
.text, #text, p{  
    color:rgb(209, 194, 166)  
}
```

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(209, 194, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 194, 166) }
```

Border

The CSS property to change the border of an element to XYZ 52.4692, 54.8921, 43.9062 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(209, 194, 166) }
```


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

```
.border{ border-color:rgb(209, 194, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 194, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 194, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 194, 166);  
box-shadow:4px 4px 4px 4px rgb(209, 194,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4692, 54.8921, 43.9062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 194, 166) }
```

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

```
.background{ background-color: rgb(209,  
194, 166) }
```

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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