

Converting Colors

XYZ(51.4026, 57.7906, 43.2072)

Have a look what the booklet for
XYZ(51.4026, 57.7906, 43.2072)
contains.

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Color

**XYZ(51.4924, 57.8358,
43.0998)**

Conversions

Conversions Part 1

Format	Color
Hex	C6CCA3
RGB	198, 204, 163
RGB Percent	78%, 80%, 64%
CMY	0.2235, 0.2000, 0.3608
CMYK	0.03, 0.00, 0.20, 0.20
HSL	69°, 29%, 72%
HSV	69°, 20%, 80%
XYZ	51.4924, 57.8358, 43.0998
YIQ	197.5320, 9.5850, -14.0230

Conversions

Conversions Part 2

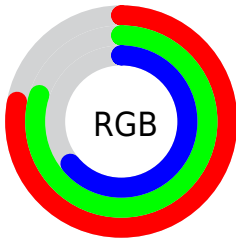
Format	Color
RYB	163, 204, 169
Decimal	13028515
CIELab	80.65, -8.98, 19.79
CIElCh	81, 21.728, 114.412
Yxy	57.8358, 0.3378, 0.3794
Android (android.graphics.Color)	4291218595 (0xFFC6CCA3)
YUV	197.5320, -17.0243, 0.4104
Hunter-Lab	76.0499, -12.2271, 19.6334

Details

The XYZ color **51.4924, 57.8358, 43.0998** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.3607, 38.9906, 62.5286**, and the grayscale version is **53.4897, 56.2753, 61.2838**.

A 20% lighter version of the original color is **89.6549, 97.8420, 80.4897**, and **25.2772, 28.8897, 19.2829** is the 20% darker color. If you saturate the color by 10%, you get **49.0309, 56.7631, 34.2007**, and if you desaturate by 10%, it is **54.2674, 59.0396, 53.5551**.

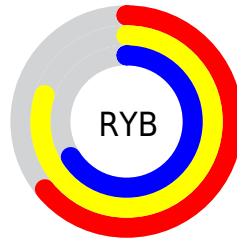
Distribution



Red (78%)

Green (80%)

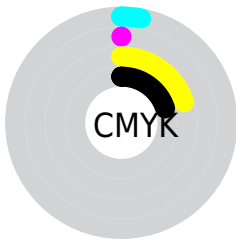
Blue (64%)



Red (64%)

Yellow (80%)

Blue (66%)

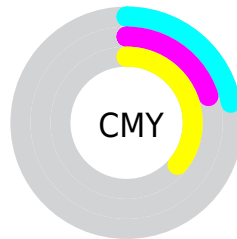


Cyan (3%)

Magenta (0%)

Yellow (20%)

Black (20%)



Cyan (22%)


Magenta (20%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.4924, 57.8358, 43.0998 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 51.4924, 57.8358, 43.0998 by changing the saturation by 10% instead.


 51.4924, 57.8358,
43.0998


 51.4924, 57.8358,
43.0998


382.8301,
416.5738, 374.9553

 36.8233, 41.6767,
29.6314


 91.5609, 101.6837,
81.1494

 25.2437, 28.8482,
19.3093


 117.6909,
130.1413, 106.5678

 16.3884, 18.9660,
11.7149

148.3720,
163.4671, 136.8065

 9.8920, 11.6457,
6.4297

183.9694,
202.0455, 172.2842

 5.3891, 6.5029,
3.0351

224.8486,
246.2610, 213.4194

 2.5144, 3.1532,
1.1126

271.3749,

 0.9025, 1.2122,

296.4980, 260.6306

0.0000

323.9136,
353.1408, 314.3364

■ 0.0000, 0.0717,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 51.4924, 57.8358,
43.0998

■ 51.4924, 57.8358,
43.0998

■ 49.0309, 56.7631,
34.2007

■ 54.2674, 59.0396,
53.5551

■ 46.8641, 55.8081,
26.7797

■ 57.3646, 60.3722,
65.6323

■ 44.9782, 54.9672,
20.7576

■ 60.7979, 61.8410,
79.3977

■ 43.3564, 54.2337,
16.0464

■ 64.5792, 63.4508,
94.9129

■ 41.9799, 53.6001,
12.5480

■ 67.0665, 64.5449,
103.5314

■ 40.8275, 53.0579,
10.1506

■ 67.9408, 64.9956,
103.5723

■ 39.8738, 52.5969,
8.7218

■ 68.8311, 65.4546,
103.6139

■ 39.0788, 52.2018,
8.0163

■ 69.7375, 65.9219,
103.6564

■ 70.6602, 66.3975,
103.6995

Harmonies

Analogous

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



55.8131, 57.8358, 41.5006



51.4924, 57.8358, 43.0998



48.2688, 57.8358, 49.6978

Triad

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



51.4924, 57.8358, 43.0998



50.1159, 57.8358, 85.2054



63.9838, 57.8358, 65.4028

Complementary

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



51.4924, 57.8358, 43.0998



40.3607, 38.9906, 62.5286

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.



62.2669, 57.8358, 78.4246



51.4924, 57.8358, 43.0998



54.1378, 57.8358, 90.8094

Square

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



51.4924, 57.8358, 43.0998



47.5048, 57.8358, 73.7127



58.6032, 57.8358, 88.1738



63.1815, 57.8358, 53.3313

Rectangle

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



51.4924, 57.8358, 43.0998



47.0954, 57.8358, 56.5829



58.6032, 57.8358, 88.1738



63.6794, 57.8358, 69.8277

Sweetspot

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



51.4939, 57.8384, 43.1010



91.8641, 98.6310, 96.4005



45.6036, 43.6612, 40.6750



19.5911, 21.0803, 20.3556



0.0000, 0.0000, 0.0000



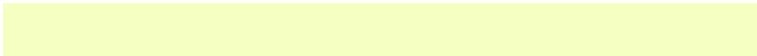
20.3446, 21.4041, 23.3091

Same Dimension

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



51.4939, 57.8384, 43.1010



83.4945, 95.0058, 64.8586



46.5735, 55.3018, 42.8708



11.9861, 13.0102, 11.9589



24.6568, 32.8863, 5.0482



1.3171, 1.7198, 0.2625

Inverse Universe

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



40.3607, 38.9906, 62.5286



61.8611, 58.3777, 102.6153



44.9761, 41.3699, 62.7446



10.7521, 10.9215, 14.1117



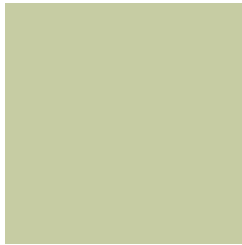
7.2432, 2.9415, 36.1423



0.4240, 0.1777, 1.8669

Previews

White Background



This preview shows how the XYZ color 51.4924, 57.8358, 43.0998 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 51.4924, 57.8358, 43.0998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

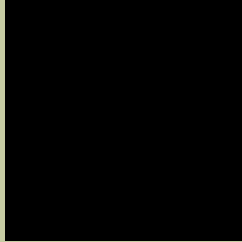
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

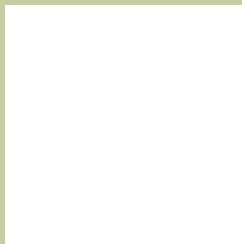
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.4924, 57.8358, 43.0998

Background



This preview shows how black text looks on a background with the XYZ color 51.4924, 57.8358, 43.0998.



This preview shows how white text looks on a background with the XYZ color 51.4924, 57.8358,

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

51.4924, 57.8358, 43.0998

Protanopia

54.2387, 57.8788, 42.0313

Deuteranopia

58.5962, 57.4048, 43.5892



Tritanopia

57.1533, 57.7157, 71.0787

Trichromacy



Original Color

51.4924, 57.8358, 43.0998

Protanomaly

53.1404, 57.6473, 42.5087

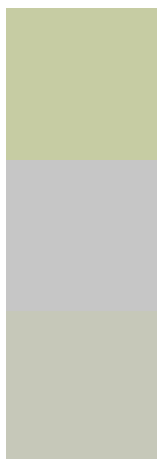
Deuteranomaly

55.6542, 57.2203, 43.2333

Tritanomaly

54.8617, 57.8052, 59.8958

Monochromacy



Original Color

51.4924, 57.8358, 43.0998

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

52.6999, 56.8171, 54.0882

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.4924, 57.8358, 43.0998 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(198, 204, 163)` looks like.

```
.text, #text, p{  
    color:rgb(198, 204, 163)  
}
```

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(198, 204, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 204, 163) }
```

Border

The CSS property to change the border of an element to XYZ 51.4924, 57.8358, 43.0998 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(198, 204, 163) }
```


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

```
.border{ border-color:rgb(198, 204, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 204, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 204, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 204, 163);  
box-shadow:4px 4px 4px 4px rgb(198, 204,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 51.4924, 57.8358, 43.0998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 204, 163) }
```

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

```
.background{ background-color: rgb(198,  
204, 163) }
```

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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