

Converting Colors

XYZ(51.0015, 57.7072, 39.3052)

Have a look what the booklet for
XYZ(51.0015, 57.7072, 39.3052)
contains.

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Color

**XYZ(51.0624, 57.6944,
39.4552)**

Conversions

Conversions Part 1

Format	Color
Hex	C7CC9B
RGB	199, 204, 155
RGB Percent	78%, 80%, 61%
CMY	0.2196, 0.2000, 0.3921
CMYK	0.02, 0.00, 0.24, 0.20
HSL	66°, 32%, 70%
HSV	66°, 24%, 80%
XYZ	51.0624, 57.6944, 39.4552
YIQ	196.9190, 12.7490, -16.2990

Conversions

Conversions Part 2

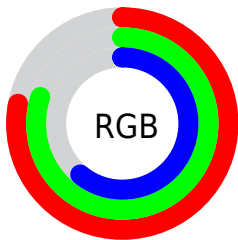
Format	Color
R_{YB}	155, 204, 160
Decimal	13094043
CIE _{Lab}	80.57, -9.78, 23.91
CIE _{LCh}	81, 25.833, 112.241
Yxy	57.6944, 0.3445, 0.3893
Android (android.graphics.Color)	4291284123 (0xFFC7CC9B)
YUV	196.9190, -20.6661, 1.8250
Hunter-Lab	75.9568, -12.9268, 22.3720

Details

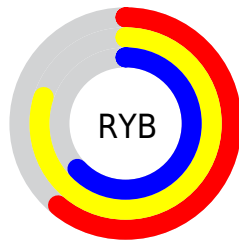
The XYZ color **51.0624, 57.6944, 39.4552** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.1199, 35.2775, 61.9828**, and the grayscale version is **53.1387, 55.9060, 60.8817**.

A 20% lighter version of the original color is **88.6329, 97.4331, 75.1078**, and **25.0316, 28.8117, 17.0739** is the 20% darker color. If you saturate the color by 10%, you get **48.9434, 56.7853, 31.1558**, and if you desaturate by 10%, it is **53.4815, 58.7283, 49.2819**.

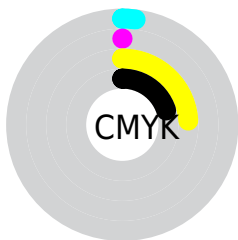
Distribution



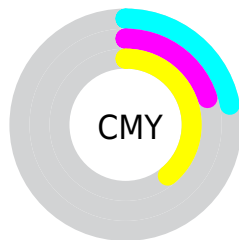
- Red (78%)
- Green (80%)
- Blue (61%)



- Red (61%)
- Yellow (80%)
- Blue (63%)



- Cyan (2%)
- Magenta (0%)
- Yellow (24%)
- Black (20%)



- Cyan (22%)
- Magenta (20%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.0624, 57.6944, 39.4552 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 51.0624, 57.6944, 39.4552 by changing the saturation by 10% instead.

■ 51.0624, 57.6944,
39.4552

■ 51.0624, 57.6944,
39.4552

381.1898,
416.0462, 359.3055

■ 36.4795, 41.5630,
26.8035

■ 90.9294, 101.4777,
75.5612

■ 24.9766, 28.7593,
17.1946

■ 116.9443,
129.8984, 99.8525

■ 16.1882, 18.8988,
10.2099

147.5006,
163.1843, 128.8608

■ 9.7492, 11.5972,
5.4309

182.9635,
201.7199, 163.0046

■ 5.2939, 6.4700,
2.4391

223.6986,
245.8895, 202.7024

■ 2.4573, 3.1329,
0.8076

270.0711,

■ 0.8738, 1.2015,

296.0775, 248.3728

0.0000

322.4464,
352.6682, 300.4344

■ 0.0000, 0.0629,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 51.0624, 57.6944,
39.4552

■ 51.0624, 57.6944,
39.4552

■ 48.9434, 56.7853,
31.1558

■ 53.4815, 58.7283,
49.2819

■ 47.1053, 55.9875,
24.3035

■ 56.2097, 59.8848,
60.7033

■ 45.5340, 55.2973,
18.8163

■ 59.2612, 61.1715,
73.7876

■ 44.2119, 54.7076,
14.6025

■ 62.6481, 62.5932,
88.5975

■ 43.1194, 54.2107,
11.5591

■ 66.0571, 64.0246,
103.4841

■ 42.2341, 53.7974,
9.5675

■ 66.6521, 64.3313,
103.5120

■ 41.5284, 53.4569,
8.4837

■ 67.2548, 64.6421,
103.5402

■ 41.1628, 53.2762,
8.1138

■ 67.8653, 64.9568,
103.5688

■ 68.4837, 65.2755,
103.5977

Harmonies

Analogous

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



56.2268, 57.6944, 38.0725



51.0624, 57.6944, 39.4552



47.1545, 57.6944, 46.5615

Triad

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



51.0624, 57.6944, 39.4552



48.8194, 57.6944, 88.8883



65.5881, 57.6944, 66.8504

Complementary

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



51.0624, 57.6944, 39.4552



37.1199, 35.2775, 61.9828

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.



63.3112, 57.6944, 82.4796



51.0624, 57.6944, 39.4552



53.4699, 57.6944, 96.4745

Square

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



51.0624, 57.6944, 39.4552



45.9190, 57.6944, 74.5496



58.7928, 57.6944, 93.9573



64.8404, 57.6944, 52.3891

Rectangle

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



51.0624, 57.6944, 39.4552



45.6768, 57.6944, 54.3160



58.7928, 57.6944, 93.9573



65.1462, 57.6944, 72.1670

Sweetspot

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



51.0639, 57.6970, 39.4564



91.6404, 98.5591, 94.4295



43.3737, 40.3124, 36.5062



19.5546, 21.0702, 19.9586



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.



51.0639, 57.6970, 39.4564



82.6213, 94.7138, 57.6700



45.1009, 54.6229, 39.1774



12.0366, 13.0362, 11.9613



25.9526, 33.5544, 5.1088



1.3722, 1.7482, 0.2651

Inverse Universe

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



37.1199, 35.2775, 61.9828



55.4719, 51.0562, 101.5389



42.4854, 38.0435, 62.2339



10.7063, 10.8979, 14.1096



7.0899, 2.8625, 36.1351



0.4028, 0.1668, 1.8659

Previews

White Background



This preview shows how the XYZ color 51.0624, 57.6944, 39.4552 looks on a white background.

Color Contrast Check

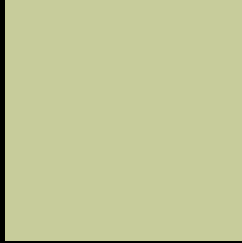
Large Text (above 18pt) WCAG AA × Fail

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 51.0624, 57.6944, 39.4552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

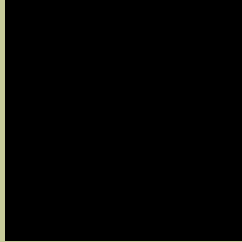
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

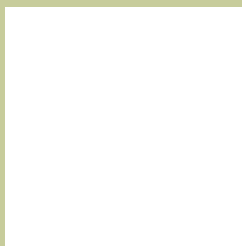
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.0624, 57.6944, 39.4552

Background



This preview shows how black text looks on a background with the XYZ color 51.0624, 57.6944, 39.4552.



This preview shows how white text looks on a background with the XYZ color 51.0624, 57.6944,

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

51.0624, 57.6944, 39.4552

Protanopia

53.6138, 57.2929, 38.3699

Deuteranopia

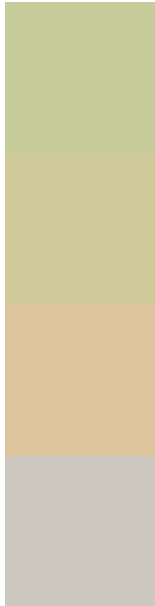
58.6255, 57.4915, 40.3548



Tritanopia

57.3557, 57.4987, 70.3627

Trichromacy



Original Color

51.0624, 57.6944, 39.4552

Protanomaly

52.7318, 57.5163, 38.8943

Deuteranomaly

55.6445, 57.2863, 40.0229

Tritanomaly

54.7292, 57.4458, 57.4938

Monochromacy



Original Color

51.0624, 57.6944, 39.4552

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.3865, 56.6917, 52.4375

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.0624, 57.6944, 39.4552 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(199, 204, 155)` looks like.

```
.text, #text, p{  
    color:rgb(199, 204, 155)  
}
```

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(199, 204, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 204, 155) }
```

Border

The CSS property to change the border of an element to XYZ 51.0624, 57.6944, 39.4552 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(199, 204, 155) }
```


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

```
.border{ border-color:rgb(199, 204, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 204, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 204, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 204, 155);  
box-shadow:4px 4px 4px 4px rgb(199, 204,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 51.0624, 57.6944, 39.4552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 204, 155) }
```

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

```
.background{ background-color: rgb(199,  
204, 155) }
```

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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