

Converting Colors

XYZ(51.4483, 53.8601, 44.9395)

Have a look what the booklet for
XYZ(51.4483, 53.8601, 44.9395)
contains.

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Color

**XYZ(51.5914, 54.0889,
44.7668)**

Conversions

Conversions Part 1

Format	Color
Hex	CEC1A8
RGB	206, 193, 168
RGB Percent	81%, 76%, 66%
CMY	0.1922, 0.2431, 0.3412
CMYK	0.00, 0.06, 0.18, 0.19
HSL	39°, 28%, 73%
HSV	39°, 18%, 81%
XYZ	51.5914, 54.0889, 44.7668
YIQ	194.0370, 15.7730, -5.0190

Conversions

Conversions Part 2

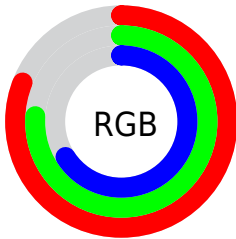
Format	Color
R_{YB}	188, 206, 168
Decimal	13549992
CIE _{Lab}	78.51, 0.48, 14.24
CIE _{LCh}	79, 14.245, 88.073
Yxy	54.0889, 0.3429, 0.3595
Android (android.graphics.Color)	4291740072 (0xFFCEC1A8)
YUV	194.0370, -12.8362, 10.4916
Hunter-Lab	73.5452, -3.4876, 15.3919

Details

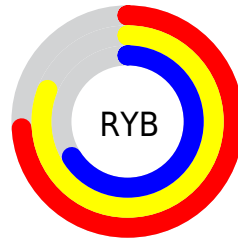
The XYZ color **51.5914, 54.0889, 44.7668** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.8126, 45.8276, 64.9292**, and the grayscale version is **51.3683, 54.0434, 58.8533**.

A 20% lighter version of the original color is **88.4350, 94.3391, 83.3603**, and **25.2930, 26.5964, 20.3235** is the 20% darker color. If you saturate the color by 10%, you get **48.3023, 50.3422, 34.9404**, and if you desaturate by 10%, it is **55.2617, 58.1105, 56.2215**.

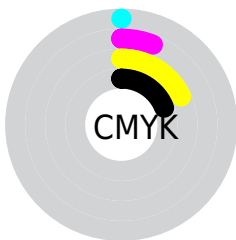
Distribution



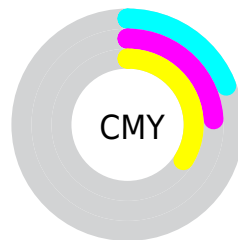
- Red (81%)
- Green (76%)
- Blue (66%)



- Red (74%)
- Yellow (81%)
- Blue (66%)



- Cyan (0%)
- Magenta (6%)
- Yellow (18%)
- Black (19%)





- Cyan (19%)
- Magenta (24%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.5914, 54.0889, 44.7668 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 51.5914, 54.0889, 44.7668 by changing the saturation by 10% instead.


 51.5914, 54.0889,
44.7668


 51.5914, 54.0889,
44.7668


383.2071,
402.4489, 381.9608

 36.9024, 38.6727,
30.9322


 91.7062, 96.2048,
83.6851

 25.3053, 26.5052,
20.2892


 117.8627,
123.6733, 109.6058

 16.4346, 17.2020,
12.4193

148.5724,
155.9280, 140.3924

 9.9250, 10.3786,
6.9039

184.2008,
193.3533, 176.4633

 5.4111, 5.6507,
3.3245

225.1130,
236.3337, 218.2370

 2.5277, 2.6339,
1.2626

271.6746,

 0.9092, 0.9437,

285.2535, 266.1321

0.0309

324.2508,
340.4971, 320.5672

■ 0.0000, 0.0000,
0.0000

■ 51.5914, 54.0889,
44.7668

■ 51.5914, 54.0889,
44.7668

■ 48.3023, 50.3422,
34.9404

■ 55.2617, 58.1105,
56.2215

■ 45.3747, 46.8553,
26.6633

■ 59.3232, 62.4071,
69.3716

■ 42.7936, 43.6224,
19.8551

■ 63.7908, 66.9880,
84.2847

■ 40.5411, 40.6347,
14.4266

■ 68.6774, 71.8599,
101.0237

■ 38.5973, 37.8824,
10.2790

■ 71.3104, 75.9553,
105.5101

36.9400, 35.3549,
7.2998

73.2908, 79.9161,
106.1703

35.5430, 33.0399,
5.3574

75.3511, 84.0367,
106.8570

34.3666, 30.9196,
4.2487

77.4923, 88.3190,
107.5707

34.1947, 30.6039,
4.1049

79.2637, 91.8619,
108.1612

Harmonies

Analogous

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



54.3149, 54.0889, 46.7336



51.5914, 54.0889, 44.7668



48.9135, 54.0889, 46.2900

Triad

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



51.5914, 54.0889, 44.7668



46.7968, 54.0889, 66.4651



56.1242, 54.0889, 67.4448

Complementary

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



51.5914, 54.0889, 44.7668



43.8126, 45.8276, 64.9292

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.



53.9898, 54.0889, 73.5995



51.5914, 54.0889, 44.7668



48.6103, 54.0889, 72.9987

Square

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



51.5914, 54.0889, 44.7668



46.2062, 54.0889, 58.3759



51.2288, 54.0889, 75.7177



56.9903, 54.0889, 59.4144

Rectangle

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



51.5914, 54.0889, 44.7668



47.5010, 54.0889, 49.1647



51.2288, 54.0889, 75.7177



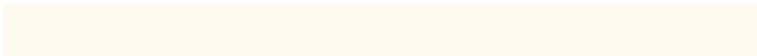
55.5275, 54.0889, 69.8281

Sweetspot

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



51.5928, 54.0913, 44.7679



91.0371, 95.7603, 95.8900



47.8280, 44.4762, 49.9422



19.3953, 20.4000, 20.2346



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.



51.5928, 54.0913, 44.7679



81.4793, 85.2630, 66.1350



53.0392, 59.2908, 45.6953



11.8182, 12.4254, 11.8549



21.1492, 19.0313, 2.5587



1.1598, 1.1193, 0.1549

Inverse Universe

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



43.8126, 45.8276, 64.9292



66.6702, 69.5356, 104.5156



42.5326, 41.4265, 64.1472



10.9102, 11.4608, 14.2075



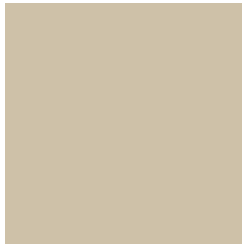
8.3076, 5.6392, 36.6069



0.4989, 0.4315, 1.9119

Previews

White Background



This preview shows how the XYZ color 51.5914, 54.0889, 44.7668 looks on a white background.

Color Contrast Check

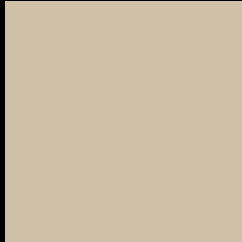
Large Text (above 18pt) WCAG AA × Fail

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 51.5914, 54.0889, 44.7668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

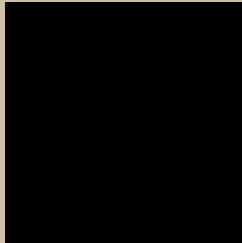
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.5914, 54.0889, 44.7668

Background



This preview shows how black text looks on a background with the XYZ color 51.5914, 54.0889, 44.7668.



This preview shows how white text looks on a background with the XYZ color 51.5914, 54.0889,

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

51.5914, 54.0889, 44.7668

Protanopia

51.2615, 54.2481, 44.8149

Deuteranopia

55.0560, 53.9348, 45.0448



Tritanopia

55.6267, 54.1271, 64.0156

Trichromacy



Original Color

51.5914, 54.0889, 44.7668

Protanomaly

51.5365, 54.3899, 44.8278

Deuteranomaly

53.6779, 53.8587, 45.1028

Tritanomaly

54.0022, 54.0999, 56.3113

Monochromacy



Original Color

51.5914, 54.0889, 44.7668

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.3374, 54.0921, 53.6340

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5914, 54.0889, 44.7668 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(206, 193, 168)` looks like.

```
.text, #text, p{  
    color:rgb(206, 193, 168)  
}
```

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(206, 193, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 193, 168) }
```

Border

The CSS property to change the border of an element to XYZ 51.5914, 54.0889, 44.7668 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(206, 193, 168) }
```


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

```
.border{ border-color:rgb(206, 193, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 193, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 193, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 193, 168); box-shadow:4px 4px 4px 4px rgb(206, 193, 168) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5914, 54.0889, 44.7668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 193, 168) }
```

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

```
.background{ background-color: rgb(206,  
193, 168) }
```

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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