

Converting Colors

XYZ(51.5000, 55.3286, 46.9949)

Have a look what the booklet for
XYZ(51.5000, 55.3286, 46.9949)
contains.

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Color

**XYZ(51.5000, 55.3286,
46.9949)**

Conversions

Conversions Part 1

Format	Color
Hex	C9C5AC
RGB	201, 197, 172
RGB Percent	79%, 77%, 67%
CMY	0.2118, 0.2274, 0.3255
CMYK	0.00, 0.02, 0.14, 0.21
HSL	52°, 21%, 73%
HSV	52°, 14%, 79%
XYZ	51.5000, 55.3286, 46.9949
YIQ	195.3460, 10.4090, -6.9270

Conversions

Conversions Part 2

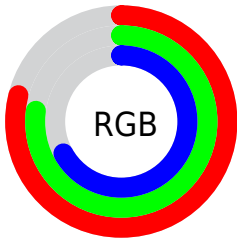
Format	Color
RYB	177, 201, 172
Decimal	13223340
CIELab	79.23, -2.85, 13.05
CIELCh	79, 13.353, 102.328
Yxy	55.3286, 0.3348, 0.3597
Android (android.graphics.Color)	4291413420 (0xFFC9C5AC)
YUV	195.3460, -11.5096, 4.9586
Hunter-Lab	74.3832, -6.5842, 14.6091

Details

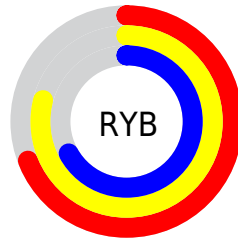
The XYZ color **51.5000, 55.3286, 46.9949** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.0810, 44.0373, 61.4880**, and the grayscale version is **52.1415, 54.8570, 59.7392**.

A 20% lighter version of the original color is **90.5469, 97.6897, 86.7567**, and **25.2452, 27.2040, 21.6896** is the 20% darker color. If you saturate the color by 10%, you get **49.0913, 53.3700, 37.3776**, and if you desaturate by 10%, it is **54.2153, 57.4320, 58.1563**.

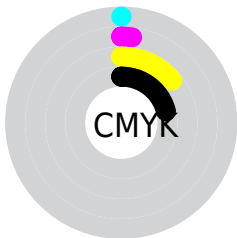
Distribution



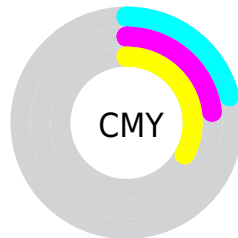
- Red (79%)
- Green (77%)
- Blue (67%)



- Red (69%)
- Yellow (79%)
- Blue (67%)



- Cyan (0%)
- Magenta (2%)
- Yellow (14%)
- Black (21%)



- Cyan (21%)
- Magenta (23%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.5000, 55.3286, 46.9949 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 51.5000, 55.3286, 46.9949 by changing the saturation by 10% instead.

■ 51.5000, 55.3286,
46.9949

■ 51.5000, 55.3286,
46.9949

382.8590,
407.1563, 391.1873

■ 36.8293, 39.6649,
32.6773

■ 91.5720, 98.0222,
87.0559

■ 25.2485, 27.2773,
21.6103

117.7041,
125.8209, 113.6364

■ 16.3920, 17.7816,
13.3752

148.3874,
158.4334, 145.1416

■ 9.8946, 10.7933,
7.5537

183.9872,
196.2441, 181.9901

■ 5.3908, 5.9280,
3.7271

224.8689,
239.6373, 224.6004

■ 2.5154, 2.8014,
1.4768

271.3979,

■ 0.9031, 1.0289,

288.9975, 273.3910

0.2006

323.9395,
344.7090, 328.7804

■ 0.0000, 0.0000,
0.0000

■ 51.5000, 55.3286,
46.9949

■ 51.5000, 55.3286,
46.9949

■ 49.0913, 53.3700,
37.3776

■ 54.2153, 57.4320,
58.1563

■ 46.9715, 51.5436,
29.2319

■ 57.2450, 59.6779,
70.9227

■ 45.1281, 49.8459,
22.4850

■ 60.6022, 62.0734,
85.3561

■ 43.5457, 48.2709,
17.0562

■ 64.2979, 64.6232,
101.5143

■ 42.2073, 46.8116,
12.8569

■ 65.3949, 66.1523,
103.9297

■ 41.0940, 45.4602,
9.7874

■ 66.0882, 67.5389,
104.1608

■ 40.1838, 44.2081,
7.7323

■ 66.7934, 68.9493,
104.3959

■ 39.4501, 43.0443,
6.5519

■ 67.5106, 70.3837,
104.6350

■ 39.0902, 42.4230,
6.1282

■ 68.2398, 71.8421,
104.8780

Harmonies

Analogous

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



54.1616, 55.3286, 47.2961



51.5000, 55.3286, 46.9949



49.2075, 55.3286, 50.0174

Triad

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



51.5000, 55.3286, 46.9949



48.8845, 55.3286, 70.6927



57.6313, 55.3286, 64.8163

Complementary

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



51.5000, 55.3286, 46.9949



43.0810, 44.0373, 61.4880

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.



56.1203, 55.3286, 71.7762



51.5000, 55.3286, 46.9949



51.0456, 55.3286, 75.3612

Square

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



51.5000, 55.3286, 46.9949



47.7320, 55.3286, 63.4364



53.6916, 55.3286, 75.7737



57.7630, 55.3286, 57.1594

Rectangle

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



51.5000, 55.3286, 46.9949



48.1727, 55.3286, 53.6721



53.6916, 55.3286, 75.7737



57.2655, 55.3286, 67.3304

Sweetspot

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



51.5015, 55.3310, 46.9961



93.0042, 98.4670, 100.3304



46.7116, 45.0718, 47.4946



19.8265, 21.0153, 21.1408



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.



51.5015, 55.3310, 46.9961



86.9637, 93.7642, 75.5709



49.7817, 55.8091, 47.1790



11.3945, 12.1582, 11.3090



24.6282, 26.7736, 3.8698



1.2014, 1.3383, 0.1950

Inverse Universe

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



43.0810, 44.0373, 61.4880



70.0742, 71.1123, 104.6405



44.6226, 43.6862, 61.3390



10.1726, 10.5192, 13.4118



6.9251, 3.2440, 35.0055



0.3673, 0.2323, 1.6706

Previews

White Background



This preview shows how the XYZ color 51.5000, 55.3286, 46.9949 looks on a white background.

Color Contrast Check

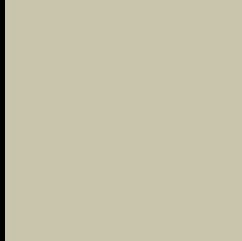
Large Text (above 18pt) WCAG AA × Fail

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 51.5000, 55.3286, 46.9949 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

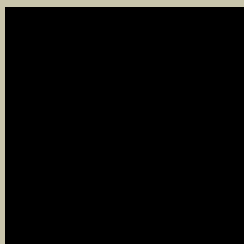
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

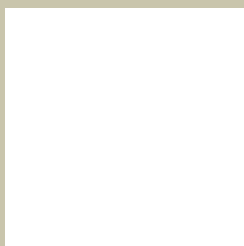
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.5000, 55.3286, 46.9949

Background



This preview shows how black text looks on a background with the XYZ color 51.5000, 55.3286, 46.9949.



This preview shows how white text looks on a background with the XYZ color 51.5000, 55.3286,

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

51.5000, 55.3286, 46.9949

Protanopia

52.2675, 55.3993, 46.4664

Deuteranopia

56.2690, 55.1392, 47.7216



Tritanopia

55.5657, 55.3261, 66.7819

Trichromacy



Original Color

51.5000, 55.3286, 46.9949

Protanomaly

51.9925, 55.2575, 46.4535

Deuteranomaly

54.4168, 55.1635, 47.3147

Tritanomaly

53.9312, 55.3160, 58.8735

Monochromacy



Original Color

51.5000, 55.3286, 46.9949

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.7355, 54.9380, 54.8911

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5000, 55.3286, 46.9949 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(201, 197, 172)` looks like.

```
.text, #text, p{  
    color:rgb(201, 197, 172)  
}
```

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(201, 197, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 197, 172) }
```

Border

The CSS property to change the border of an element to XYZ 51.5000, 55.3286, 46.9949 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(201, 197, 172) }
```


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

```
.border{ border-color:rgb(201, 197, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 197, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 197, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 197, 172);  
box-shadow:4px 4px 4px 4px rgb(201, 197,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5000, 55.3286, 46.9949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 197, 172) }
```

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

```
.background{ background-color: rgb(201,  
197, 172) }
```

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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