

Converting Colors

XYZ(53.4109, 57.0468, 44.7553)

Have a look what the booklet for
XYZ(53.4109, 57.0468, 44.7553)
contains.

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Color

**XYZ(53.4109, 57.0468,
44.7553)**

Conversions

Conversions Part 1

Format	Color
Hex	D0C7A7
RGB	208, 199, 167
RGB Percent	82%, 78%, 65%
CMY	0.1843, 0.2196, 0.3451
CMYK	0.00, 0.04, 0.20, 0.18
HSL	47°, 30%, 74%
HSV	47°, 20%, 82%
XYZ	53.4109, 57.0468, 44.7553
YIQ	198.0430, 15.6360, -8.0440

Conversions

Conversions Part 2

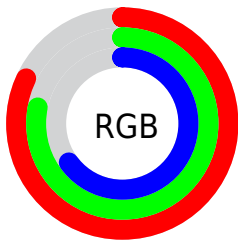
Format	Color
RYB	179, 208, 167
Decimal	13682599
CIELab	80.21, -2.08, 17.17
CIELCh	80, 17.293, 96.896
Yxy	57.0468, 0.3441, 0.3675
Android (android.graphics.Color)	4291872679 (0xFFD0C7A7)
YUV	198.0430, -15.3042, 8.7323
Hunter-Lab	75.5293, -5.9493, 17.7379

Details

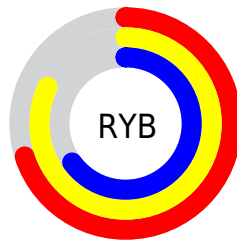
The XYZ color **53.4109, 57.0468, 44.7553** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.8466, 43.8192, 65.8745**, and the grayscale version is **53.7874, 56.5885, 61.6249**.

A 20% lighter version of the original color is **90.1848, 98.0539, 83.2803**, and **26.3568, 28.2609, 20.2854** is the 20% darker color. If you saturate the color by 10%, you get **50.6068, 54.2721, 35.0847**, and if you desaturate by 10%, it is **56.5588, 60.0133, 56.0677**.

Distribution



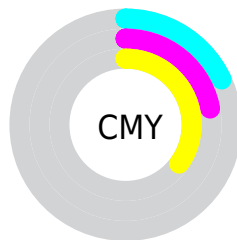
- Red (82%)
- Green (78%)
- Blue (65%)



- Red (70%)
- Yellow (82%)
- Blue (65%)



- Cyan (0%)
- Magenta (4%)
- Yellow (20%)
- Black (18%)



- Cyan (18%)
- Magenta (22%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.4109, 57.0468, 44.7553 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 53.4109, 57.0468, 44.7553 by changing the saturation by 10% instead.

■ 53.4109, 57.0468,
44.7553

■ 53.4109, 57.0468,
44.7553

390.0947,
413.6247, 381.9128

■ 38.3597, 41.0428,
30.9232

■ 94.3707, 100.5335,
83.6676

■ 26.4404, 28.3525,
20.2824

■ 121.0100,
128.7849, 109.5850

■ 17.2878, 18.5916,
12.4144

152.2427,
161.8877, 140.3677

■ 10.5365, 11.3755,
6.9006

188.4342,
200.2262, 176.4346

■ 5.8211, 6.3200,
3.3225

229.9497,
244.1847, 218.2039

■ 2.7762, 3.0406,
1.2616

277.1548,

■ 1.0366, 1.1530,

294.1477, 266.0944

0.0300

330.4146,
350.4995, 320.5245

■ 0.0000, 0.0228,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.4109, 57.0468,
44.7553

■ 53.4109, 57.0468,
44.7553

■ 50.6068, 54.2721,
35.0847

■ 56.5588, 60.0133,
56.0677

■ 48.1270, 51.6751,
26.9745

■ 60.0601, 63.1700,
69.0909

■ 45.9568, 49.2515,
20.3418

■ 63.9294, 66.5252,
83.8944

■ 44.0784, 46.9936,
15.0943

■ 68.1793, 70.0843,
100.5427

■ 42.4720, 44.8932,
11.1296

■ 70.1368, 72.7785,
104.9588

■ 41.1152, 42.9408,
8.3308

■ 71.3641, 75.2331,
105.3679

■ 39.9815, 41.1253,
6.5599

■ 72.6245, 77.7538,
105.7880

■ 39.0239, 39.4274,
5.5707

■ 73.9181, 80.3411,
106.2192

■ 38.9973, 39.3795,
5.5456

■ 75.2453, 82.9955,
106.6616

Harmonies

Analogous

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



56.9268, 57.0468, 45.9043



53.4109, 57.0468, 44.7553



50.2500, 57.0468, 47.8375

Triad

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



53.4109, 57.0468, 44.7553



48.9754, 57.0468, 74.5226



60.7028, 57.0468, 70.0535

Complementary

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



53.4109, 57.0468, 44.7553



42.8466, 43.8192, 65.8745

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.



58.3965, 57.0468, 78.9816



53.4109, 57.0468, 44.7553



51.6028, 57.0468, 81.7511

Square

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



53.4109, 57.0468, 44.7553



47.7620, 57.0468, 64.4761



55.0398, 57.0468, 83.4654



61.2381, 57.0468, 59.8108

Rectangle

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



53.4109, 57.0468, 44.7553



48.7353, 57.0468, 52.0968



55.0398, 57.0468, 83.4654



60.1043, 57.0468, 73.3400

Sweetspot

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



53.4124, 57.0493, 44.7565



91.6221, 96.9304, 96.0850



47.7244, 44.2051, 47.3867



19.5338, 20.6770, 20.2808



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.



53.4124, 57.0493, 44.7565



82.5803, 88.3963, 63.6310



52.5748, 59.7815, 45.3280



12.5742, 13.3391, 12.5240



24.3792, 24.6913, 3.4810



1.4189, 1.4922, 0.2132

Inverse Universe

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



42.8466, 43.8192, 65.8745



62.6148, 63.3987, 103.5448



43.5494, 41.6494, 65.4186



11.3710, 11.8323, 14.9282



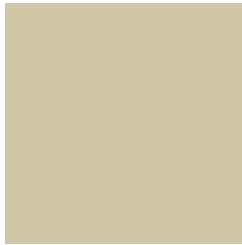
7.7551, 4.1568, 37.5861



0.4939, 0.3530, 2.1217

Previews

White Background



This preview shows how the XYZ color 53.4109, 57.0468, 44.7553 looks on a white background.

Color Contrast Check

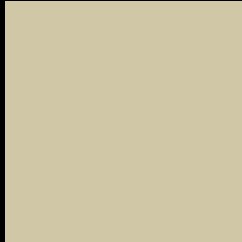
Large Text (above 18pt) WCAG AA × Fail

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 53.4109, 57.0468, 44.7553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

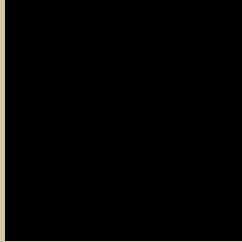
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

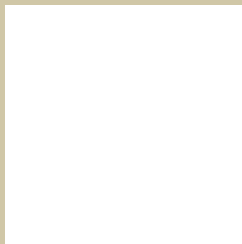
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.4109, 57.0468, 44.7553

Background



This preview shows how black text looks on a background with the XYZ color 53.4109, 57.0468, 44.7553.



This preview shows how white text looks on a background with the XYZ color 53.4109, 57.0468,

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

53.4109, 57.0468, 44.7553

Protanopia

53.7475, 56.8798, 44.7053

Deuteranopia

58.1053, 56.7842, 45.4341



Tritanopia

57.8957, 56.8401, 67.5943

Trichromacy



Original Color

53.4109, 57.0468, 44.7553

Protanomaly

53.4636, 56.7335, 44.6920

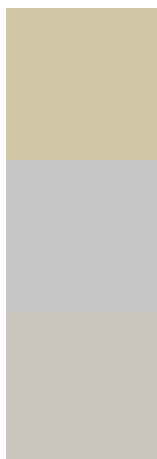
Deuteranomaly

56.1785, 56.7829, 45.0451

Tritanomaly

56.0047, 56.7294, 58.4502

Monochromacy



Original Color

53.4109, 57.0468, 44.7553

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.5208, 56.5326, 55.1047

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4109, 57.0468, 44.7553 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(208, 199, 167)` looks like.

```
.text, #text, p{  
    color:rgb(208, 199, 167)  
}
```

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(208, 199, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 199, 167) }
```

Border

The CSS property to change the border of an element to XYZ 53.4109, 57.0468, 44.7553 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(208, 199, 167) }
```


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

```
.border{ border-color:rgb(208, 199, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 199, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 199, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 199, 167);  
box-shadow:4px 4px 4px 4px rgb(208, 199,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4109, 57.0468, 44.7553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 199, 167) }
```

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

```
.background{ background-color: rgb(208,  
199, 167) }
```

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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