

Converting Colors

XYZ(51.5855, 52.7344, 43.4019)

Have a look what the booklet for
XYZ(51.5855, 52.7344, 43.4019)
contains.

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Color

**XYZ(51.6589, 52.8500,
43.5547)**

Conversions

Conversions Part 1

Format	Color
Hex	D2BDA6
RGB	210, 189, 166
RGB Percent	82%, 74%, 65%
CMY	0.1765, 0.2588, 0.3490
CMYK	0.00, 0.10, 0.21, 0.18
HSL	31°, 33%, 74%
HSV	31°, 21%, 82%
XYZ	51.6589, 52.8500, 43.5547
YIQ	192.6570, 19.8990, -2.7010

Conversions

Conversions Part 2

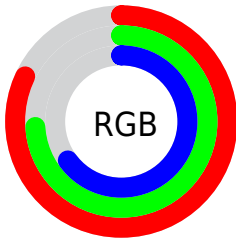
Format	Color
R _Y B	206, 210, 166
Decimal	13811110
CIE Lab	77.79, 3.79, 14.34
CIE LCh	78, 14.830, 75.189
Yxy	52.8500, 0.3489, 0.3569
Android (android.graphics.Color)	4292001190 (0xFFD2BDA6)
YUV	192.6570, -13.1419, 15.2098
Hunter-Lab	72.6980, -0.3802, 15.3669

Details

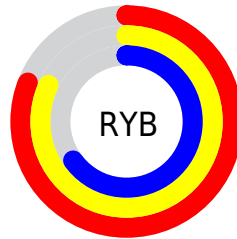
The XYZ color **51.6589, 52.8500, 43.5547** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.1288, 48.2997, 67.9174**, and the grayscale version is **50.5549, 53.1877, 57.9214**.

A 20% lighter version of the original color is **86.9436, 91.7853, 81.5405**, and **25.3590, 25.7918, 19.5613** is the 20% darker color. If you saturate the color by 10%, you get **47.8064, 47.9801, 33.5300**, and if you desaturate by 10%, it is **55.9777, 58.1484, 55.2880**.

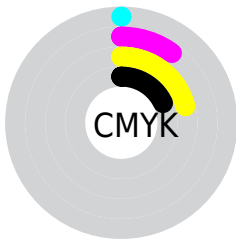
Distribution



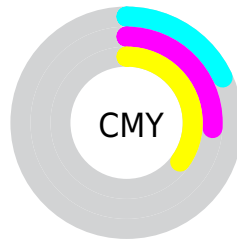
- Red (82%)
- Green (74%)
- Blue (65%)



- Red (81%)
- Yellow (82%)
- Blue (65%)



- Cyan (0%)
- Magenta (10%)
- Yellow (21%)
- Black (18%)



- Cyan (18%)
- Magenta (26%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.6589, 52.8500, 43.5547 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 51.6589, 52.8500, 43.5547 by changing the saturation by 10% instead.

■ 51.6589, 52.8500,
43.5547

■ 51.6589, 52.8500,
43.5547

383.4640,
397.7094, 376.8761

■ 36.9564, 37.6830,
29.9860

■ 91.8052, 94.3836,
81.8426

■ 25.3473, 25.7368,
19.5760

■ 117.9798,
121.5190, 107.3988

■ 16.4661, 16.6268,
11.9062

148.7090,
153.4128, 137.7879

■ 9.9475, 9.9688,
6.5581

184.3584,
190.4492, 173.4285

■ 5.4262, 5.3783,
3.1131

225.2932,
233.0126, 214.7390

■ 2.5367, 2.4709,
1.1527

271.8789,

■ 0.9138, 0.8620,

281.4875, 262.1381

0.0000

324.4807,
336.2583, 316.0443

■ 0.0000, 0.0000,
0.0000

■ 51.6589, 52.8500,
43.5547

■ 51.6589, 52.8500,
43.5547

■ 47.8064, 47.9801,
33.5300

■ 55.9777, 58.1484,
55.2880

■ 44.3979, 43.5194,
25.1293

■ 60.7758, 63.8797,
68.8023

■ 41.4151, 39.4576,
18.2656

■ 66.0708, 70.0572,
84.1700

■ 38.8367, 35.7812,
12.8424

■ 71.8779, 76.6915,
101.4584

■ 36.6392, 32.4753,
8.7523

■ 75.5270, 82.7186,
106.5933

■ 34.7961, 29.5240,
5.8723

■ 78.5444, 88.7534,
107.5991

■ 33.2762, 26.9090,
4.0563

■ 80.3885, 92.4417,
108.2139

■ 32.1321, 24.8089,
3.0951

Harmonies

Analogous

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



54.2303, 52.8500, 47.0271



51.6589, 52.8500, 43.5547



48.7977, 52.8500, 43.5771

Triad

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



51.6589, 52.8500, 43.5547



45.0836, 52.8500, 61.7935



54.2574, 52.8500, 69.4403

Complementary

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



51.6589, 52.8500, 43.5547



45.1288, 48.2997, 67.9174

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.



51.6948, 52.8500, 74.2171



51.6589, 52.8500, 43.5547



46.4359, 52.8500, 69.5240

Square

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



51.6589, 52.8500, 43.5547



45.0749, 52.8500, 53.5913



48.8323, 52.8500, 74.2491



55.7689, 52.8500, 61.6878

Rectangle

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



51.6589, 52.8500, 43.5547



47.1133, 52.8500, 45.5506



48.8323, 52.8500, 74.2491



53.4861, 52.8500, 71.4786

Sweetspot

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



51.6603, 52.8524, 43.5558



90.3986, 94.4834, 95.6772



49.2133, 44.5740, 53.1739



19.2443, 20.0981, 20.1843



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.



51.6603, 52.8524, 43.5558



77.4833, 78.6561, 60.5329



56.3000, 62.4411, 45.1621



12.3128, 12.8163, 12.4369



19.7014, 15.3357, 1.9217



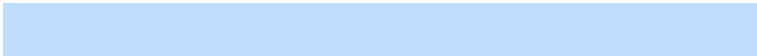
1.1808, 1.0159, 0.1339

Inverse Universe

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



45.1288, 48.2997, 67.9174



65.6325, 70.3963, 104.7364



41.1498, 40.1128, 66.5469



11.6224, 12.3350, 15.0120



9.9872, 8.6211, 38.3301



0.6376, 0.6405, 2.1696

Previews

White Background



This preview shows how the XYZ color 51.6589, 52.8500, 43.5547 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 51.6589, 52.8500, 43.5547 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

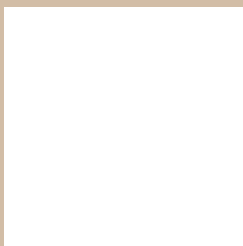
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.6589, 52.8500, 43.5547

Background



This preview shows how black text looks on a background with the XYZ color 51.6589, 52.8500, 43.5547.



This preview shows how white text looks on a background with the XYZ color 51.6589, 52.8500,

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

51.6589, 52.8500, 43.5547

Protanopia

50.1818, 53.0459, 44.1532

Deuteranopia

53.8392, 52.7036, 43.8944



Tritanopia

55.1808, 52.7006, 61.2967

Trichromacy



Original Color

51.6589, 52.8500, 43.5547

Protanomaly

50.7827, 53.0308, 44.1186

Deuteranomaly

52.8529, 52.5068, 43.9084

Tritanomaly

53.9691, 52.8518, 54.3706

Monochromacy



Original Color

51.6589, 52.8500, 43.5547

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.9501, 53.2603, 52.3947

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.6589, 52.8500, 43.5547 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(210, 189, 166) looks like.

```
.text, #text, p{  
    color:rgb(210, 189, 166)  
}
```

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(210, 189, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 189, 166) }
```

Border

The CSS property to change the border of an element to XYZ 51.6589, 52.8500, 43.5547 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(210, 189, 166) }
```


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

```
.border{ border-color:rgb(210, 189, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 189, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 189, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 189, 166);  
box-shadow:4px 4px 4px 4px rgb(210, 189,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 51.6589, 52.8500, 43.5547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 189, 166) }
```

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

```
.background{ background-color: rgb(210,  
189, 166) }
```

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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