

Converting Colors

XYZ(51.2673, 53.3889, 54.0582)

Have a look what the booklet for
XYZ(51.2673, 53.3889, 54.0582)
contains.

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Color

**XYZ(51.2658, 53.3866,
54.0570)**

Conversions

Conversions Part 1

Format	Color
Hex	C7C0BA
RGB	199, 192, 186
RGB Percent	78%, 75%, 73%
CMY	0.2196, 0.2470, 0.2706
CMYK	0.00, 0.04, 0.07, 0.22
HSL	28°, 10%, 75%
HSV	28°, 7%, 78%
XYZ	51.2658, 53.3866, 54.0570
YIQ	193.4090, 6.0980, -0.3820

Conversions

Conversions Part 2

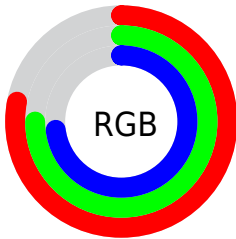
Format	Color
RYB	199, 197, 186
Decimal	13091002
CIELab	78.10, 1.39, 3.88
CIElCh	78, 4.122, 70.293
Yxy	53.3866, 0.3230, 0.3364
Android (android.graphics.Color)	4291281082 (0xFFC7C0BA)
YUV	193.4090, -3.6526, 4.9033
Hunter-Lab	73.0661, -2.6238, 7.2814

Details

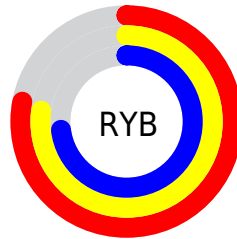
The XYZ color **51.2658, 53.3866, 54.0570** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.6284, 52.7017, 61.5903**, and the grayscale version is **50.9489, 53.6022, 58.3728**.

A 20% lighter version of the original color is **90.8344, 94.8056, 97.5162**, and **25.1433, 26.1784, 25.9180** is the 20% darker color. If you saturate the color by 10%, you get **47.0296, 48.0670, 42.9242**, and if you desaturate by 10%, it is **55.9708, 59.1710, 66.8010**.

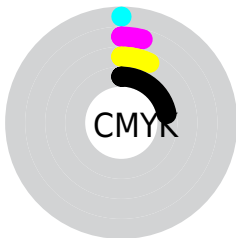
Distribution



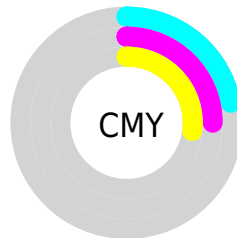
- Red (78%)
- Green (75%)
- Blue (73%)



- Red (78%)
- Yellow (77%)
- Blue (73%)



- Cyan (0%)
- Magenta (4%)
- Yellow (7%)
- Black (22%)



- Cyan (22%)
- Magenta (25%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.2658, 53.3866, 54.0570 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 51.2658, 53.3866, 54.0570 by changing the saturation by 10% instead.

■ 51.2658, 53.3866,
54.0570

■ 51.2658, 53.3866,
54.0570

381.9663,
399.7666, 419.5081

■ 36.6421, 38.1115,
38.2537

■ 91.2282, 95.1730,
97.6152

■ 25.1029, 26.0692,
25.8763

117.2976,
122.4531, 126.2072

■ 16.2829, 16.8754,
16.5062

147.9130,
154.5036, 159.8992

■ 9.8167, 10.1457,
9.7248

183.4396,
191.7089, 199.1097

■ 5.3389, 5.4957,
5.1137

224.2429,
234.4535, 244.2574

■ 2.4842, 2.5409,
2.2542

270.6882,

■ 0.8873, 0.8971,

283.1217, 295.7606

0.7054

323.1409,
338.0980, 354.0380

■ 0.0000, 0.0000,
0.0000

■ 51.2658, 53.3866,
54.0570

■ 51.2658, 53.3866,
54.0570

■ 47.0296, 48.0670,
42.9242

■ 55.9708, 59.1710,
66.8010

■ 43.2421, 43.1932,
33.3342

■ 61.1550, 65.4248,
81.2139

■ 39.8880, 38.7547,
25.2187

■ 66.8342, 72.1615,
97.3550

■ 36.9495, 34.7384,
18.5030

■ 71.2674, 78.6900,
106.0402

■ 34.4074, 31.1301,
13.1055

■ 74.4239, 85.0031,
107.0924

■ 32.2407, 27.9147,
8.9364

■ 77.3635, 90.8823,
108.0723

■ 30.4260, 25.0759,
5.8943

■ 28.9367, 22.5958,
3.8611

■ 27.7392, 20.4532,
2.6840

Harmonies

Analogous

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



51.9315, 53.3866, 55.3106



51.2658, 53.3866, 54.0570



50.4664, 53.3866, 53.8779

Triad

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



51.2658, 53.3866, 54.0570



49.2355, 53.3866, 58.9242



51.7494, 53.3866, 61.5741

Complementary

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



51.2658, 53.3866, 54.0570



49.6284, 52.7017, 61.5903

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.



51.0193, 53.3866, 62.5979



51.2658, 53.3866, 54.0570



49.5715, 53.3866, 61.0414

Square

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



51.2658, 53.3866, 54.0570



49.2999, 53.3866, 56.6477



50.2225, 53.3866, 62.4004



52.2127, 53.3866, 59.6357

Rectangle

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



51.2658, 53.3866, 54.0570



49.9660, 53.3866, 54.3868



50.2225, 53.3866, 62.4004



51.5267, 53.3866, 62.0389

Sweetspot

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



51.2673, 53.3889, 54.0582



93.3703, 97.9371, 104.3429



50.7552, 51.1177, 57.7322



20.0027, 20.9843, 22.3814



0.0000, 0.0000, 0.0000



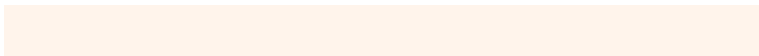
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



51.2673, 53.3889, 54.0582



88.5347, 91.9491, 91.3763



52.6910, 56.2364, 54.5327



11.0308, 11.4307, 11.1877



17.6864, 12.8899, 1.5558



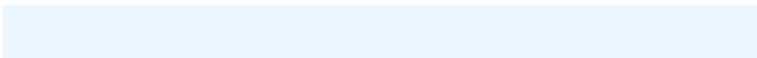
0.9097, 0.7549, 0.0978

Inverse Universe

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



49.6284, 52.7017, 61.5903



85.0069, 90.4698, 107.5898



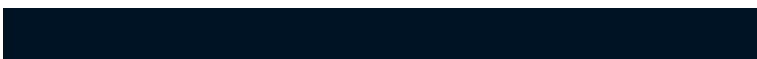
48.2554, 49.9557, 61.1326



10.5215, 11.2171, 13.5281



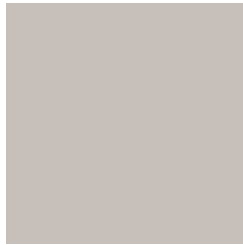
10.1047, 9.6034, 36.0654



0.5504, 0.5985, 1.7317

Previews

White Background



This preview shows how the XYZ color 51.2658, 53.3866, 54.0570 looks on a white background.

Color Contrast Check

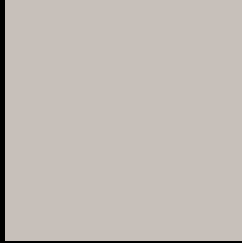
Large Text (above 18pt) WCAG AA × Fail

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 51.2658, 53.3866, 54.0570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

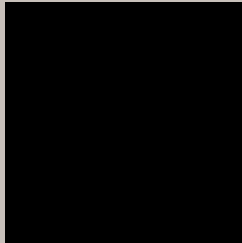
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

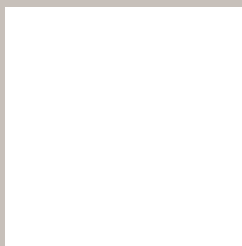
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.2658, 53.3866, 54.0570

Background



This preview shows how black text looks on a background with the XYZ color 51.2658, 53.3866, 54.0570.

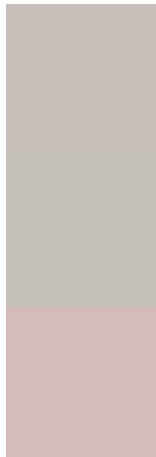


This preview shows how white text looks on a background with the XYZ color 51.2658, 53.3866,

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

51.2658, 53.3866, 54.0570

Protanopia

51.0013, 53.2502, 54.0446

Deuteranopia

54.4715, 53.4246, 54.4547



Tritanopia

53.4538, 53.3114, 64.5995

Trichromacy



Original Color

51.2658, 53.3866, 54.0570

Protanomaly

51.0013, 53.2502, 54.0446

Deuteranomaly

53.4617, 53.5384, 54.5299

Tritanomaly

52.5789, 53.2756, 60.3353

Monochromacy



Original Color

51.2658, 53.3866, 54.0570

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.8699, 53.4597, 56.3528

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.2658, 53.3866, 54.0570 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, 192, 186)` looks like.

```
.text, #text, p{  
    color:rgb(199, 192, 186)  
}
```

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, 192, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 192, 186) }
```

Border

The CSS property to change the border of an element to XYZ 51.2658, 53.3866, 54.0570 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, 192, 186) }
```


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

```
.border{ border-color:rgb(199, 192, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 192, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 192, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 192, 186);  
box-shadow:4px 4px 4px 4px rgb(199, 192,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 51.2658, 53.3866, 54.0570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 192, 186) }
```

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

```
.background{ background-color: rgb(199,  
192, 186) }
```

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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