

Converting Colors

XYZ(51.7387, 52.7807, 55.8117)

Have a look what the booklet for
XYZ(51.7387, 52.7807, 55.8117)
contains.

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Color

**XYZ(51.6862, 52.9185,
55.6343)**

Conversions

Conversions Part 1

Format	Color
Hex	C9BEBD
RGB	201, 190, 189
RGB Percent	79%, 75%, 74%
CMY	0.2118, 0.2549, 0.2588
CMYK	0.00, 0.05, 0.06, 0.21
HSL	5°, 10%, 76%
HSV	5°, 6%, 79%
XYZ	51.6862, 52.9185, 55.6343
YIQ	193.1750, 6.8770, 2.0210

Conversions

Conversions Part 2

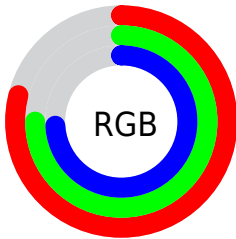
Format	Color
R _Y B	201, 190, 189
Decimal	13221565
CIE Lab	77.83, 3.69, 1.88
CIE LCh	78, 4.140, 27.000
Yxy	52.9185, 0.3226, 0.3302
Android (android.graphics.Color)	4291411645 (0xFFC9BEBD)
YUV	193.1750, -2.0583, 6.8625
Hunter-Lab	72.7451, -0.4777, 5.5775

Details

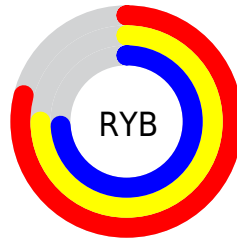
The XYZ color **51.6862, 52.9185, 55.6343** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.1832, 56.3438, 63.3843**, and the grayscale version is **50.8016, 53.4472, 58.2040**.

A 20% lighter version of the original color is **90.6772, 93.7641, 99.7053**, and **25.4222, 25.8719, 26.9464** is the 20% darker color. If you saturate the color by 10%, you get **45.9136, 44.6259, 43.6813**, and if you desaturate by 10%, it is **58.2685, 62.3452, 69.3503**.

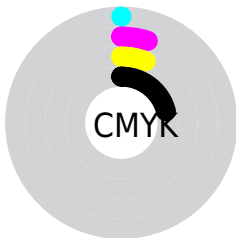
Distribution



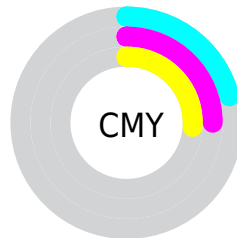
- Red (79%)
- Green (75%)
- Blue (74%)



- Red (79%)
- Yellow (75%)
- Blue (74%)



- Cyan (0%)
- Magenta (5%)
- Yellow (6%)
- Black (21%)



- Cyan (21%)
- Magenta (25%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.6862, 52.9185, 55.6343 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 51.6862, 52.9185, 55.6343 by changing the saturation by 10% instead.

■ 51.6862, 52.9185,
55.6343

■ 51.6862, 52.9185,
55.6343

383.5678,
397.9724, 425.6614

■ 36.9783, 37.7377,
39.5078

■ 91.8453, 94.4844,
99.9501

■ 25.3643, 25.7792,
26.8441

118.0271,
121.6384, 128.9765

■ 16.4788, 16.6585,
17.2248

148.7643,
153.5521, 163.1399

■ 9.9566, 9.9913,
10.2312

184.4222,
190.6101, 202.8589

■ 5.4322, 5.3932,
5.4449

225.3661,
233.1968, 248.5520

■ 2.5404, 2.4798,
2.4473

271.9615,

■ 0.9157, 0.8665,

281.6964, 300.6378

0.8121

324.5736,
336.4935, 359.5347

0.0000, 0.0000,
0.0000

51.6862, 52.9185,
55.6343

51.6862, 52.9185,
55.6343

45.9136, 44.6259,
43.6813

58.2685, 62.3452,
69.3503

40.9150, 37.4179,
33.4165

65.6853, 72.9391,
84.8932

36.6589, 31.2517,
24.7649

73.9661, 84.7407,
102.3277

33.1096, 26.0793,
17.6443

77.8978, 91.1577,
108.0973

30.2289, 21.8484,
11.9656

■ 27.9746, 18.5023,
7.6301

■ 26.2998, 15.9782,
4.5269

■ 25.1509, 14.2047,
2.5274

■ 24.4635, 13.0981,
1.4714

Harmonies

Analogous

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



51.8557, 52.9185, 57.8510



51.6862, 52.9185, 55.6343



51.1433, 52.9185, 53.9885

Triad

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



51.6862, 52.9185, 55.6343



49.0132, 52.9185, 55.2436



50.2167, 52.9185, 62.1504

Complementary

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



51.6862, 52.9185, 55.6343



52.1832, 56.3438, 63.3843

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.



49.4609, 52.9185, 61.4092



51.6862, 52.9185, 55.6343



48.7708, 52.9185, 57.3881

Square

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



51.6862, 52.9185, 55.6343



49.5995, 52.9185, 53.7672



48.9338, 52.9185, 59.6509



51.0019, 52.9185, 61.6510

Rectangle

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



51.6862, 52.9185, 55.6343



50.6457, 52.9185, 53.4158



48.9338, 52.9185, 59.6509



49.9508, 52.9185, 62.0376

Sweetspot

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



51.6877, 52.9208, 55.6354



92.7668, 96.7301, 104.1417



52.7111, 52.9837, 62.0931



19.8798, 20.7385, 22.3404



0.0000, 0.0000, 0.0000



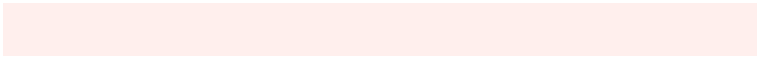
20.3446, 21.4041, 23.3091

Same Dimension

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



51.6877, 52.9208, 55.6354



87.3099, 88.9069, 92.7947



53.0135, 55.5724, 56.0774



10.9456, 11.1238, 11.5799



15.2975, 8.1122, 0.7595



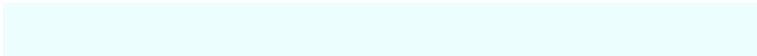
0.7495, 0.4345, 0.0444

Inverse Universe

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



52.1832, 56.3438, 63.3843



88.3109, 95.8219, 108.4487



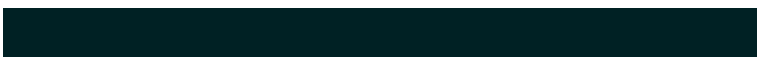
50.8215, 53.6203, 62.9303



11.0784, 12.0418, 13.6579



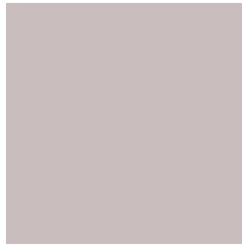
17.4645, 24.3229, 38.5187



0.8499, 1.1975, 1.8315

Previews

White Background



This preview shows how the XYZ color 51.6862, 52.9185, 55.6343 looks on a white background.

Color Contrast Check

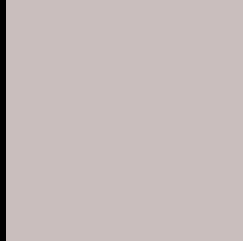
Large Text (above 18pt) WCAG AA × Fail

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 51.6862, 52.9185, 55.6343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

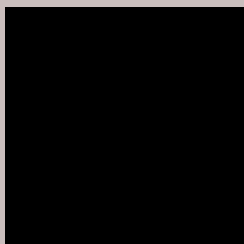
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

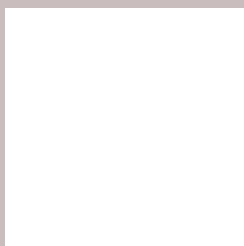
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.6862, 52.9185, 55.6343

Background



This preview shows how black text looks on a background with the XYZ color 51.6862, 52.9185, 55.6343.



This preview shows how white text looks on a background with the XYZ color 51.6862, 52.9185,

55.6343.

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

51.6862, 52.9185, 55.6343

Protanopia

50.6900, 52.7151, 56.2186

Deuteranopia

54.0045, 52.8326, 56.0666



Tritanopia

53.3913, 52.9747, 63.9110

Trichromacy



Original Color

51.6862, 52.9185, 55.6343

Protanomaly

51.2138, 52.9851, 56.2431

Deuteranomaly

53.0770, 52.6683, 56.0837

Tritanomaly

52.7478, 53.0290, 60.8816

Monochromacy



Original Color

51.6862, 52.9185, 55.6343

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.1290, 53.2408, 57.4509

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.6862, 52.9185, 55.6343 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, 190, 189)` looks like.

```
.text, #text, p{  
    color:rgb(201, 190, 189)  
}
```

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, 190, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 190, 189) }
```

Border

The CSS property to change the border of an element to XYZ 51.6862, 52.9185, 55.6343 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, 190, 189) }
```


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

```
.border{ border-color:rgb(201, 190, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 190, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 190, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 190, 189);  
box-shadow:4px 4px 4px 4px rgb(201, 190,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 51.6862, 52.9185, 55.6343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 190, 189) }
```

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

```
.background{ background-color: rgb(201,  
190, 189) }
```

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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