

Converting Colors

XYZ(62.4833, 68.0339, 55.7376)

Have a look what the booklet for
XYZ(62.4833, 68.0339, 55.7376)
contains.

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Color

**XYZ(62.4833, 68.0339,
55.7376)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | DAD9B9 |
| RGB | 218, 217, 185 |
| RGB Percent | 85%, 85%, 73% |
| CMY | 0.1451, 0.1490, 0.2745 |
| CMYK | 0.00, 0.00, 0.15, 0.15 |
| HSL | 58°, 31%, 79% |
| HSV | 58°, 15%, 85% |
| XYZ | 62.4833, 68.0339, 55.7376 |
| YIQ | 213.6510, 10.8680, -9.7400 |

Conversions

Conversions Part 2

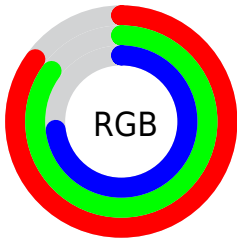
| Format | Color |
|-------------------------------------|--|
| RYB | 186, 218, 185 |
| Decimal | 14342585 |
| CIELab | 86.02, -5.00, 15.91 |
| CIELCh | 86, 16.680, 107.445 |
| Yxy | 68.0339, 0.3355, 0.3653 |
| Android (android.graphics.Color) | 4292532665 (0xFFDAD9B9) |
| YUV | 213.6510, -14.1249, 3.8141 |
| Hunter-Lab | 82.4827, -9.1251, 17.6727 |

Details

The XYZ color **62.4833, 68.0339, 55.7376** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **50.2214, 50.4933, 73.4296**, and the grayscale version is **63.7703, 67.0913, 73.0624**.

A 20% lighter version of the original color is **92.8772, 99.1309, 97.4581**, and **32.1894, 35.2931, 26.9455** is the 20% darker color. If you saturate the color by 10%, you get **60.1877, 66.8472, 44.4757**, and if you desaturate by 10%, it is **65.1361, 69.3691, 68.8611**.

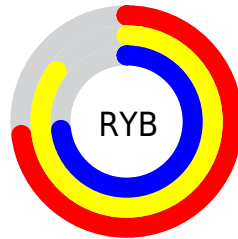
Distribution



Red (85%)

Green (85%)

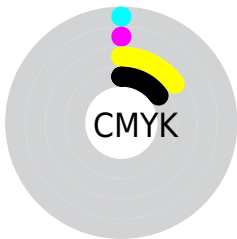
Blue (73%)



Red (73%)

Yellow (85%)

Blue (73%)

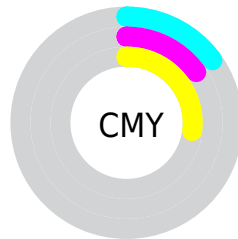


Cyan (0%)

Magenta (0%)

Yellow (15%)

Black (15%)



Cyan (15%)

Magenta (15%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.4833, 68.0339, 55.7376 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 62.4833, 68.0339, 55.7376 by changing the saturation by 10% instead.

■ 62.4833, 68.0339,
55.7376

■ 62.4833, 68.0339,
55.7376

423.3814,
453.6161, 426.0624

■ 45.6804, 49.9253,
39.5900

■ 107.5097,
116.4006, 100.1028

■ 32.1973, 35.3541,
26.9077

136.4640,
147.4276, 129.1574

■ 21.6685, 23.9357,
17.2721

170.1994,
183.5294, 163.3515

■ 13.7287, 15.2860,
10.2647

209.0813,
225.0906, 203.1036

■ 8.0127, 9.0203,
5.4669

253.4751,
272.4954, 248.8322

■ 4.1549, 4.7544,
2.4602

303.7462,

■ 1.7902, 2.1039,

326.1284, 300.9558

0.8190

360.2598,
386.3738, 359.8930

■ 0.5117, 0.6668,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.4833, 68.0339,
55.7376

■ 62.4833, 68.0339,
55.7376

■ 60.1877, 66.8472,
44.4757

■ 65.1361, 69.3691,
68.8611

■ 58.2279, 65.7936,
34.9868

■ 68.1558, 70.8499,
83.9209

■ 56.5884, 64.8692,
27.1813

■ 71.5581, 72.4848,
100.9929

■ 55.2504, 64.0665,
20.9602

■ 72.4616, 73.1213,
104.9024

■ 54.1932, 63.3772,
16.2145

■ 72.6342, 73.4665,
104.9600

■ 53.3934, 62.7919,
12.8208

■ 72.8075, 73.8130,
105.0177

■ 52.8238, 62.2998,
10.6362

■ 72.9814, 74.1610,
105.0757

■ 52.4512, 61.8876,
9.4857

■ 73.1561, 74.5102,
105.1339

■ 52.3134, 61.7048,
9.1530

■ 73.3314, 74.8609,
105.1924

Harmonies

Analogous

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



66.2768, 68.0339, 55.3535



62.4833, 68.0339, 55.7376



59.3941, 68.0339, 60.7203

Triad

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



62.4833, 68.0339, 55.7376



59.8145, 68.0339, 90.7097



72.1154, 68.0339, 78.7531

Complementary

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



62.4833, 68.0339, 55.7376



50.2214, 50.4933, 73.4296

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.



70.2372, 68.0339, 89.2622



62.4833, 68.0339, 55.7376



63.0779, 68.0339, 96.6087

Square

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



62.4833, 68.0339, 55.7376



57.8956, 68.0339, 80.5761



66.8952, 68.0339, 96.0543



71.9408, 68.0339, 67.9378

Rectangle

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



62.4833, 68.0339, 55.7376



58.1042, 68.0339, 66.2849



66.8952, 68.0339, 96.0543



71.7002, 68.0339, 82.4577

Sweetspot

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



62.4851, 68.0369, 55.7391



92.9420, 98.9606, 98.4041



55.1368, 53.1538, 53.8648



19.8323, 21.1513, 20.7589



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.



62.4851, 68.0369, 55.7391



88.0808, 96.5080, 74.3721



58.3490, 66.2868, 55.6192



14.1268, 15.1929, 13.9135



31.3559, 36.9973, 5.4886



2.0422, 2.4185, 0.3592

Inverse Universe

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



50.2214, 50.4933, 73.4296



67.5393, 67.1229, 104.0041



53.9311, 52.0954, 73.5433



12.3700, 12.6798, 16.4476



7.6384, 3.1462, 39.9431



0.5062, 0.2265, 2.5915

Previews

White Background



This preview shows how the XYZ color 62.4833, 68.0339, 55.7376 looks on a white background.

Color Contrast Check

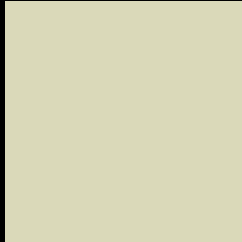
Large Text (above 18pt) WCAG AA × Fail

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 62.4833, 68.0339, 55.7376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

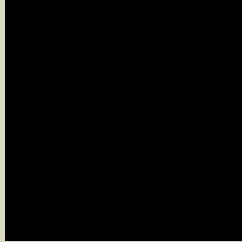
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

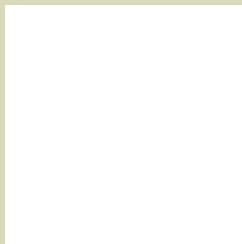
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.4833, 68.0339, 55.7376

Background



This preview shows how black text looks on a background with the XYZ color 62.4833, 68.0339, 55.7376.



This preview shows how white text looks on a background with the XYZ color 62.4833, 68.0339, 55.7376.

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

62.4833, 68.0339, 55.7376

Protanopia

64.0623, 67.7226, 55.0427

Deuteranopia

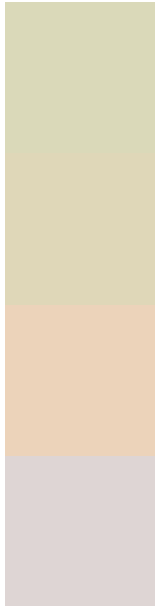
69.2885, 67.8063, 56.4497



Tritanopia

68.0383, 68.0373, 82.9453

Trichromacy



Original Color

62.4833, 68.0339, 55.7376

Protanomaly

63.3836, 67.7495, 55.0837

Deuteranomaly

66.7493, 67.9666, 56.0552

Tritanomaly

65.8021, 67.8716, 71.9197

Monochromacy



Original Color

62.4833, 68.0339, 55.7376

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

63.1043, 67.3597, 66.1757

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4833, 68.0339, 55.7376 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(218, 217, 185)` looks like.

```
.text, #text, p{  
    color:rgb(218, 217, 185)  
}
```

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(218, 217, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 217, 185) }
```

Border

The CSS property to change the border of an element to XYZ 62.4833, 68.0339, 55.7376 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(218, 217, 185) }
```


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

```
.border{ border-color:rgb(218, 217, 185) }
```

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

Here you see how a box with a 4 pixel rgb(218, 217, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 217, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 217, 185);  
box-shadow:4px 4px 4px 4px rgb(218, 217,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4833, 68.0339, 55.7376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 217, 185) }
```

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

```
.background{ background-color: rgb(218,  
217, 185) }
```

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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