

Converting Colors

XYZ(55.6534, 62.3707, 49.9813)

Have a look what the booklet for
XYZ(55.6534, 62.3707, 49.9813)
contains.

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Color

**XYZ(55.7593, 62.4196,
50.1837)**

Conversions

Conversions Part 1

Format	Color
Hex	CBD3B0
RGB	203, 211, 176
RGB Percent	80%, 83%, 69%
CMY	0.2039, 0.1725, 0.3098
CMYK	0.04, 0.00, 0.17, 0.17
HSL	74°, 28%, 76%
HSV	74°, 17%, 83%
XYZ	55.7593, 62.4196, 50.1837
YIQ	204.6180, 6.4670, -12.5810

Conversions

Conversions Part 2

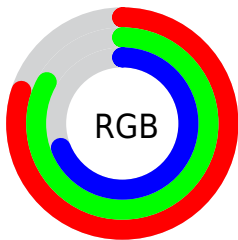
Format	Color
R_{YB}	176, 211, 184
Decimal	13358000
CIE _{Lab}	83.14, -8.75, 16.44
CIE _{LCh}	83, 18.617, 118.018
Yxy	62.4196, 0.3312, 0.3707
Android (android.graphics.Color)	4291548080 (0xFFCBD3B0)
YUV	204.6180, -14.1087, -1.4190
Hunter-Lab	79.0061, -12.2825, 17.6440

Details

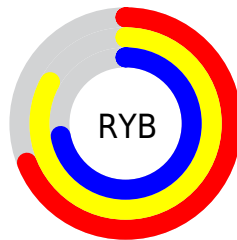
The XYZ color **55.7593, 62.4196, 50.1837** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.0529, 45.9459, 68.0199**, and the grayscale version is **57.8709, 60.8847, 66.3035**.

A 20% lighter version of the original color is **91.5655, 98.6062, 90.5508**, and **28.0265, 31.9336, 23.4255** is the 20% darker color. If you saturate the color by 10%, you get **52.5386, 60.9839, 39.9689**, and if you desaturate by 10%, it is **59.3488, 64.0117, 62.1123**.

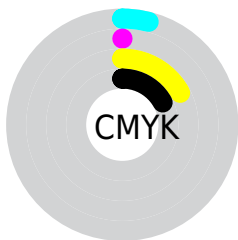
Distribution



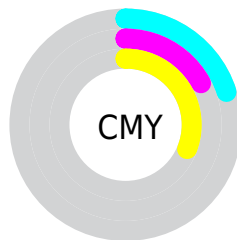
- Red (80%)
- Green (83%)
- Blue (69%)



- Red (69%)
- Yellow (83%)
- Blue (72%)



- Cyan (4%)
- Magenta (0%)
- Yellow (17%)
- Black (17%)



- Cyan (20%)
- Magenta (17%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.7593, 62.4196, 50.1837 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 55.7593, 62.4196, 50.1837 by changing the saturation by 10% instead.

■ 55.7593, 62.4196,
50.1837

■ 55.7593, 62.4196,
50.1837

398.8735,
433.4600, 404.1395

■ 40.2462, 45.3718,
35.1872

■ 97.7944, 108.3317,
91.8461

■ 27.9156, 31.7504,
23.5224

125.0472,
137.9649, 119.3491

■ 18.4022, 21.1709,
14.7708

156.9438,
172.5620, 151.8579

■ 11.3406, 13.2490,
8.5139

193.8498,
212.5074, 189.7912

■ 6.3654, 7.6002,
4.3330

236.1304,
258.1855, 233.5675

■ 3.1113, 3.8402,
1.8098

284.1509,

■ 1.2129, 1.5846,

309.9807, 283.6053

0.4344

338.2769,
368.2774, 340.3231

■ 0.1165, 0.3472,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.7593, 62.4196,
50.1837

■ 55.7593, 62.4196,
50.1837

■ 52.5386, 60.9839,
39.9689

■ 59.3488, 64.0117,
62.1123

■ 49.6664, 59.6903,
31.3852

■ 63.3165, 65.7577,
75.8243

■ 47.1279, 58.5347,
24.3489

■ 67.6775, 67.6658,
91.3904

■ 44.9051, 57.5101,
18.7675

■ 71.5622, 69.3883,
104.2293

■ 42.9783, 56.6084,
14.5386

■ 73.0641, 70.1626,
104.2996

■ 41.3249, 55.8205,
11.5464

■ 74.6087, 70.9589,
104.3719

■ 39.9190, 55.1362,
9.6558

■ 76.1963, 71.7773,
104.4462

■ 38.7272, 54.5419,
8.6932

■ 77.8272, 72.6181,
104.5225

■ 38.3492, 54.3515,
8.4697

■ 79.5018, 73.4814,
104.6009

Harmonies

Analogous

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



59.5965, 62.4196, 48.0978



55.7593, 62.4196, 50.1837



52.9906, 62.4196, 56.8673

Triad

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



55.7593, 62.4196, 50.1837



55.3149, 62.4196, 88.5957



67.4201, 62.4196, 68.7352

Complementary

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



55.7593, 62.4196, 50.1837



47.0529, 45.9459, 68.0199

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.



66.1515, 62.4196, 80.4185



55.7593, 62.4196, 50.1837



59.0602, 62.4196, 92.6630

Square

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



55.7593, 62.4196, 50.1837



52.7423, 62.4196, 78.9397



63.0457, 62.4196, 89.5153



66.4403, 62.4196, 58.0566

Rectangle

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



55.7593, 62.4196, 50.1837



52.0611, 62.4196, 63.4574



63.0457, 62.4196, 89.5153



67.2414, 62.4196, 72.6798

Sweetspot

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



55.7610, 62.4223, 50.1850



92.0000, 98.6570, 98.3952



51.7567, 51.0935, 48.2094



19.6026, 21.0773, 20.7568



0.0000, 0.0000, 0.0000



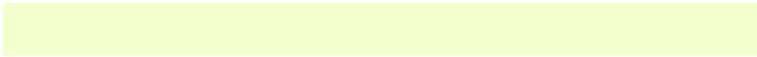
20.3446, 21.4041, 23.3091

Same Dimension

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



55.7610, 62.4223, 50.1850



83.7378, 94.9944, 71.0490



51.3623, 60.1548, 49.9792



12.5281, 13.6557, 12.5875



23.2354, 32.8472, 5.1155



1.3654, 1.8707, 0.2891

Inverse Universe

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



47.0529, 45.9459, 68.0199



67.8622, 64.9533, 103.5683



51.3951, 48.1844, 68.2231



11.4130, 11.5462, 14.8708



7.9133, 3.2597, 37.4046



0.5135, 0.2189, 2.0948

Previews

White Background



This preview shows how the XYZ color 55.7593, 62.4196, 50.1837 looks on a white background.

Color Contrast Check

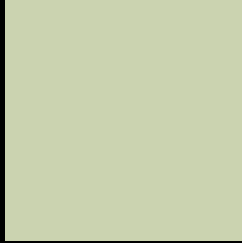
Large Text (above 18pt) WCAG AA × Fail

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 55.7593, 62.4196, 50.1837 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

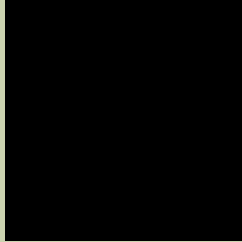
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

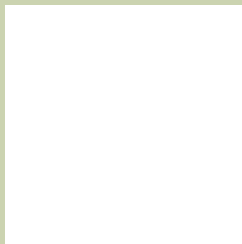
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.7593, 62.4196, 50.1837

Background



This preview shows how black text looks on a background with the XYZ color 55.7593, 62.4196, 50.1837.



This preview shows how white text looks on a background with the XYZ color 55.7593, 62.4196,

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

55.7593, 62.4196, 50.1837

Protanopia

58.6247, 62.1040, 48.9418

Deuteranopia

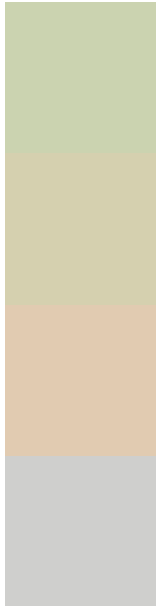
63.3844, 62.0657, 50.7586



Tritanopia

61.1770, 62.4384, 77.2341

Trichromacy



Original Color

55.7593, 62.4196, 50.1837

Protanomaly

57.7343, 62.3530, 49.5499

Deuteranomaly

60.3431, 61.8937, 50.3612

Tritanomaly

59.0644, 62.2988, 66.6695

Monochromacy



Original Color

55.7593, 62.4196, 50.1837

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

56.9523, 61.3581, 59.8805

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7593, 62.4196, 50.1837 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(203, 211, 176)` looks like.

```
.text, #text, p{  
    color:rgb(203, 211, 176)  
}
```

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(203, 211, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 211, 176) }
```

Border

The CSS property to change the border of an element to XYZ 55.7593, 62.4196, 50.1837 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(203, 211, 176) }
```


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

```
.border{ border-color:rgb(203, 211, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 211, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 211, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 211, 176);  
box-shadow:4px 4px 4px 4px rgb(203, 211,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7593, 62.4196, 50.1837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 211, 176) }
```

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

```
.background{ background-color: rgb(203,  
211, 176) }
```

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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