

Converting Colors

XYZ(50.6361, 55.7003, 50.8027)

Have a look what the booklet for
XYZ(50.6361, 55.7003, 50.8027)
contains.

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Color

**XYZ(50.7833, 55.9007,
50.7612)**

Conversions

Conversions Part 1

Format	Color
Hex	C1C8B3
RGB	193, 200, 179
RGB Percent	76%, 78%, 70%
CMY	0.2431, 0.2157, 0.2980
CMYK	0.04, 0.00, 0.11, 0.22
HSL	80°, 16%, 74%
HSV	80°, 11%, 78%
XYZ	50.7833, 55.9007, 50.7612
YIQ	195.5130, 2.5690, -8.0150

Conversions

Conversions Part 2

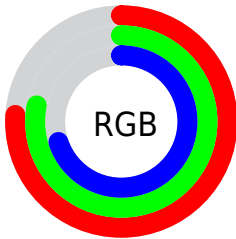
Format	Color
RYB	179, 200, 186
Decimal	12699827
CIELab	79.56, -6.16, 9.67
CIELCh	80, 11.470, 122.488
Yxy	55.9007, 0.3225, 0.3550
Android (android.graphics.Color)	4290889907 (0xFFC1C8B3)
YUV	195.5130, -8.1409, -2.2039
Hunter-Lab	74.7668, -9.6006, 12.0831

Details

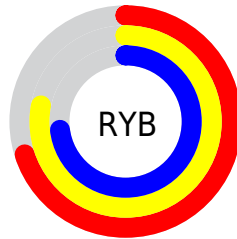
The XYZ color **50.7833, 55.9007, 50.7612** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.7973, 46.8510, 61.2232**, and the grayscale version is **52.2252, 54.9450, 59.8351**.

A 20% lighter version of the original color is **89.8223, 97.6579, 92.7130**, and **24.6922, 27.5531, 23.7555** is the 20% darker color. If you saturate the color by 10%, you get **47.2439, 54.2947, 40.7913**, and if you desaturate by 10%, it is **54.6959, 57.6684, 62.2824**.

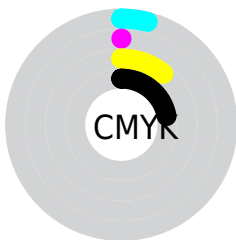
Distribution



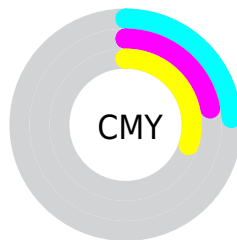
- Red (76%)
- Green (78%)
- Blue (70%)



- Red (70%)
- Yellow (78%)
- Blue (73%)



- Cyan (4%)
- Magenta (0%)
- Yellow (11%)
- Black (22%)



- Cyan (24%)
- Magenta (22%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.7833, 55.9007, 50.7612 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 50.7833, 55.9007, 50.7612 by changing the saturation by 10% instead.

■ 50.7833, 55.9007,
50.7612

■ 50.7833, 55.9007,
50.7612

380.1228,
409.3172, 406.4553

■ 36.2565, 40.1233,
35.6432

■ 90.5193, 98.8594,
92.7096

■ 24.8034, 27.6347,
23.8712

116.4592,
126.8095, 120.3770

■ 16.0586, 18.0505,
15.0268

146.9342,
159.5859, 153.0647

■ 9.6567, 10.9862,
8.6914

182.3096,
197.5731, 191.1911

■ 5.2325, 6.0576,
4.4464

222.9508,
241.1554, 235.1749

■ 2.4205, 2.8801,
1.8733

269.2232,

■ 0.8553, 1.0695,

290.7173, 285.4344

0.4757

321.4921,
346.6430, 342.3884

■ 0.0000, 0.0000,
0.0000

■ 50.7833, 55.9007,
50.7612

■ 50.7833, 55.9007,
50.7612

■ 47.2439, 54.2947,
40.7913

■ 54.6959, 57.6684,
62.2824

■ 44.0595, 52.8377,
32.3029

■ 58.9900, 59.5959,
75.4137

■ 41.2171, 51.5261,
25.2260

■ 63.6791, 61.6905,
90.2149

■ 38.7013, 50.3536,
19.4837

■ 68.1235, 63.6964,
103.3119

■ 36.4947, 49.3133,
14.9919

■ 70.1787, 64.7559,
103.4081

■ 34.5787, 48.3973,
11.6566

■ 72.3154, 65.8574,
103.5081

■ 32.9317, 47.5972,
9.3708

■ 74.5344, 67.0013,
103.6119

■ 31.5285, 46.9025,
8.0074

■ 76.8366, 68.1882,
103.7196

■ 30.3774, 46.3227,
7.3401

■ 79.2229, 69.4183,
103.8313

Harmonies

Analogous

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



52.9395, 55.9007, 49.0293



50.7833, 55.9007, 50.7612



49.2917, 55.9007, 55.1812

Triad

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



50.7833, 55.9007, 50.7612



51.1079, 55.9007, 72.8512



57.6909, 55.9007, 60.3161

Complementary

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



50.7833, 55.9007, 50.7612



46.7973, 46.8510, 61.2232

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.



57.1667, 55.9007, 66.9292



50.7833, 55.9007, 50.7612



53.3249, 55.9007, 74.4700

Square

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



50.7833, 55.9007, 50.7612



49.4752, 55.9007, 67.9528



55.5519, 55.9007, 72.2308



56.9645, 55.9007, 54.2906

Rectangle

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



50.7833, 55.9007, 50.7612



48.8518, 55.9007, 59.2197



55.5519, 55.9007, 72.2308



57.6551, 55.9007, 62.5433

Sweetspot

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



50.7848, 55.9031, 50.7624



92.9103, 99.0364, 102.4982



49.5170, 50.6537, 49.8160



19.7664, 21.1437, 21.5819



0.0000, 0.0000, 0.0000



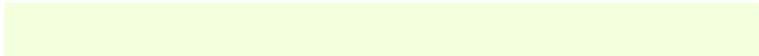
20.3446, 21.4041, 23.3091

Same Dimension

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



50.7848, 55.9031, 50.7624



86.2141, 96.0093, 82.9896



48.2025, 54.5719, 50.6416



11.1670, 12.2330, 11.3354



19.4122, 29.5027, 4.6715



0.9937, 1.4354, 0.2247

Inverse Universe

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



46.7973, 46.8510, 61.2232



77.7045, 76.6904, 105.3150



49.4427, 48.2147, 61.3470



10.3844, 10.4564, 13.3885



8.1728, 3.4475, 34.9790



0.4642, 0.2030, 1.6599

Previews

White Background



This preview shows how the XYZ color 50.7833, 55.9007, 50.7612 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 50.7833, 55.9007, 50.7612 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

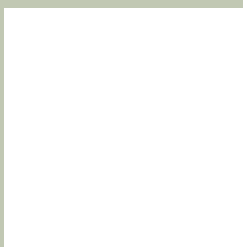
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.7833, 55.9007, 50.7612

Background



This preview shows how black text looks on a background with the XYZ color 50.7833, 55.9007, 50.7612.



This preview shows how white text looks on a background with the XYZ color 50.7833, 55.9007,

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

50.7833, 55.9007, 50.7612

Protanopia

52.8526, 55.6333, 49.5476

Deuteranopia

56.8781, 55.6927, 51.4680



Tritanopia

54.5617, 55.7391, 69.5110

Trichromacy



Original Color

50.7833, 55.9007, 50.7612

Protanomaly

52.0895, 55.5644, 50.0991

Deuteranomaly

54.3940, 55.7277, 51.0697

Tritanomaly

53.0400, 55.7918, 62.0062

Monochromacy



Original Color

50.7833, 55.9007, 50.7612

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

51.7662, 55.2523, 56.6516

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7833, 55.9007, 50.7612 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(193, 200, 179) looks like.

```
.text, #text, p{  
    color:rgb(193, 200, 179)  
}
```

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(193, 200, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 200, 179) }
```

Border

The CSS property to change the border of an element to XYZ 50.7833, 55.9007, 50.7612 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(193, 200, 179) }
```


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

```
.border{ border-color:rgb(193, 200, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 200, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 200, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 200, 179);  
box-shadow:4px 4px 4px 4px rgb(193, 200,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7833, 55.9007, 50.7612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 200, 179) }
```

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

```
.background{ background-color: rgb(193,  
200, 179) }
```

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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