

Converting Colors

XYZ(52.2369, 57.9839, 53.7862)

Have a look what the booklet for
XYZ(52.2369, 57.9839, 53.7862)
contains.

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Color

**XYZ(52.2369, 57.9839,
53.7862)**

Conversions

Conversions Part 1

Format	Color
Hex	C1CCB8
RGB	193, 204, 184
RGB Percent	76%, 80%, 72%
CMY	0.2431, 0.2000, 0.2784
CMYK	0.05, 0.00, 0.10, 0.20
HSL	93°, 16%, 76%
HSV	93°, 10%, 80%
XYZ	52.2369, 57.9839, 53.7862
YIQ	198.4310, -0.1360, -8.5520

Conversions

Conversions Part 2

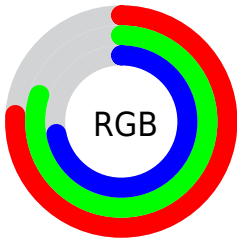
Format	Color
RYB	184, 204, 195
Decimal	12700856
CIELab	80.73, -7.38, 8.67
CIELCh	81, 11.389, 130.389
Yxy	57.9839, 0.3185, 0.3535
Android (android.graphics.Color)	4290890936 (0xFFC1CCB8)
YUV	198.4310, -7.1145, -4.7630
Hunter-Lab	76.1472, -10.8067, 11.4238

Details

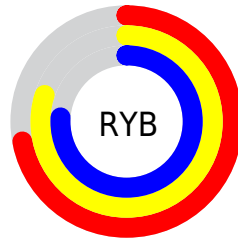
The XYZ color **52.2369, 57.9839, 53.7862** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.5476, 50.2443, 64.1638**, and the grayscale version is **53.9822, 56.7934, 61.8481**.

A 20% lighter version of the original color is **90.5551, 97.9510, 96.5717**, and **25.6505, 28.9404, 25.7068** is the 20% darker color. If you saturate the color by 10%, you get **47.4980, 55.7722, 43.1950**, and if you desaturate by 10%, it is **57.5045, 60.4360, 66.0144**.

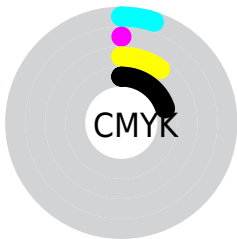
Distribution



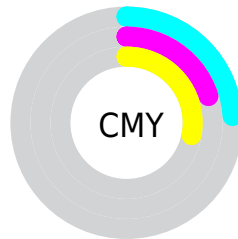
- Red (76%)
- Green (80%)
- Blue (72%)



- Red (72%)
- Yellow (80%)
- Blue (76%)



- Cyan (5%)
- Magenta (0%)
- Yellow (10%)
- Black (20%)



- Cyan (24%)
- Magenta (20%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.2369, 57.9839, 53.7862 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 52.2369, 57.9839, 53.7862 by changing the saturation by 10% instead.

■ 52.2369, 57.9839,
53.7862

■ 52.2369, 57.9839,
53.7862

385.6594,
417.1259, 418.4457

■ 37.4190, 41.7957,
38.0387

■ 92.6527, 101.8994,
97.2135

■ 25.7072, 28.9414,
25.7107

118.9812,
130.3955, 125.7304

■ 16.7363, 19.0365,
16.3835

149.8774,
163.7631, 159.3409

■ 10.1408, 11.6966,
9.6387

185.7065,
202.3864, 198.4635

■ 5.5554, 6.5375,
5.0576

226.8339,
246.6500, 243.5167

■ 2.6147, 3.1746,
2.2218

273.6249,

■ 0.9535, 1.2235,

296.9382, 294.9192

0.6869

326.4450,
353.6354, 353.0893

■ 0.0000, 0.0808,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.2369, 57.9839,
53.7862

■ 52.2369, 57.9839,
53.7862

■ 47.4980, 55.7722,
43.1950

■ 57.5045, 60.4360,
66.0144

■ 43.2652, 53.7855,
34.1676

■ 63.3131, 63.1282,
79.9410

■ 39.5211, 52.0182,
26.6309

■ 69.6804, 66.0700,
95.6290

■ 36.2451, 50.4616,
20.5043

■ 74.8671, 68.5662,
103.8964

■ 33.4154, 49.1062,
15.6997

■ 78.7512, 70.5685,
104.0782

■ 31.0077, 47.9418,
12.1193

■ 80.8840, 71.6681,
104.1780

■ 28.9951, 46.9568,
9.6514

■ 27.3465, 46.1382,
8.1639

■ 26.0098, 45.4642,
7.4160

Harmonies

Analogous

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



54.3015, 57.9839, 51.2473



52.2369, 57.9839, 53.7862



50.9660, 57.9839, 58.8920

Triad

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



52.2369, 57.9839, 53.7862



53.6099, 57.9839, 76.1198



59.6748, 57.9839, 60.8307

Complementary

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



52.2369, 57.9839, 53.7862



50.5476, 50.2443, 64.1638

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.



59.4769, 57.9839, 67.5762



52.2369, 57.9839, 53.7862



55.9304, 57.9839, 76.7312

Square

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



52.2369, 57.9839, 53.7862



51.7430, 57.9839, 71.8924



58.0906, 57.9839, 73.5079



58.6241, 57.9839, 55.1186

Rectangle

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



52.2369, 57.9839, 53.7862



50.7178, 57.9839, 63.2225



58.0906, 57.9839, 73.5079



59.7528, 57.9839, 63.0468

Sweetspot

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



52.2385, 57.9864, 53.7875



92.3112, 98.7276, 102.4701



53.0709, 55.3305, 53.2310



19.6047, 21.0603, 21.5743



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.



52.2385, 57.9864, 53.7875



84.5848, 95.1296, 84.7095



50.1187, 56.8814, 54.2375



11.5393, 12.7799, 11.9380



16.4590, 28.6602, 4.6645



0.9360, 1.5234, 0.2447

Inverse Universe

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



50.5476, 50.2443, 64.1638



81.1686, 79.4884, 105.6725



52.8240, 51.4317, 63.6461



11.1818, 11.1430, 14.1318



11.1921, 4.9773, 36.3271



0.6640, 0.3014, 1.8781

Previews

White Background



This preview shows how the XYZ color 52.2369, 57.9839, 53.7862 looks on a white background.

Color Contrast Check

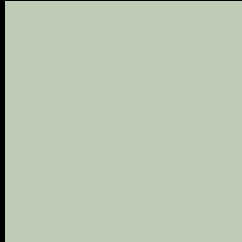
Large Text (above 18pt) WCAG AA × Fail

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 52.2369, 57.9839, 53.7862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

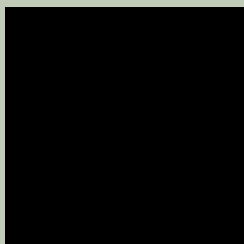
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

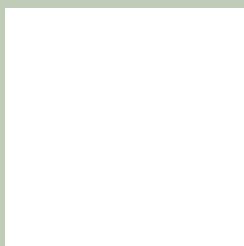
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.2369, 57.9839, 53.7862

Background



This preview shows how black text looks on a background with the XYZ color 52.2369, 57.9839, 53.7862.



This preview shows how white text looks on a background with the XYZ color 52.2369, 57.9839,

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

52.2369, 57.9839, 53.7862

Protanopia

55.1102, 58.0958, 52.5650

Deuteranopia

58.9842, 57.6927, 54.4814



Tritanopia

55.9779, 57.7589, 72.4882

Trichromacy



Original Color

52.2369, 57.9839, 53.7862

Protanomaly

54.0625, 57.8887, 53.1240

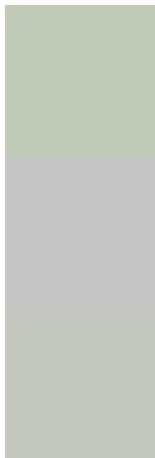
Deuteranomaly

56.1638, 57.5814, 54.0531

Tritanomaly

54.5507, 57.8687, 65.4214

Monochromacy



Original Color

52.2369, 57.9839, 53.7862

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.0449, 56.8946, 58.6381

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2369, 57.9839, 53.7862 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, 204, 184)` looks like.

```
.text, #text, p{  
    color:rgb(193, 204, 184)  
}
```

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, 204, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 204, 184) }
```

Border

The CSS property to change the border of an element to XYZ 52.2369, 57.9839, 53.7862 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, 204, 184) }
```


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

```
.border{ border-color:rgb(193, 204, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 204, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 204, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 204, 184);  
box-shadow:4px 4px 4px 4px rgb(193, 204,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2369, 57.9839, 53.7862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 204, 184) }
```

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

```
.background{ background-color: rgb(193,  
204, 184) }
```

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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