

Converting Colors

XYZ(52.3879, 51.7563, 61.1388)

Have a look what the booklet for
XYZ(52.3879, 51.7563, 61.1388)
contains.

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Color

**XYZ(52.4963, 51.9378,
61.2910)**

Conversions

Conversions Part 1

Format	Color
Hex	CBBAC7
RGB	203, 186, 199
RGB Percent	80%, 73%, 78%
CMY	0.2039, 0.2706, 0.2196
CMYK	0.00, 0.08, 0.02, 0.20
HSL	314°, 14%, 76%
HSV	314°, 8%, 80%
XYZ	52.4963, 51.9378, 61.2910
YIQ	192.5650, 5.9590, 7.6470

Conversions

Conversions Part 2

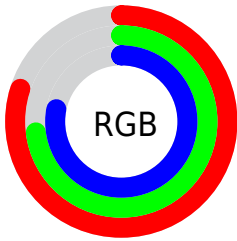
Format	Color
R _Y B	203, 186, 199
Decimal	13351623
CIE Lab	77.24, 8.32, -4.37
CIE LCh	77, 9.402, 332.293
Yxy	51.9378, 0.3168, 0.3134
Android (android.graphics.Color)	4291541703 (0xFFCBBAC7)
YUV	192.5650, 3.1725, 9.1515
Hunter-Lab	72.0679, 3.9057, 0.0236

Details

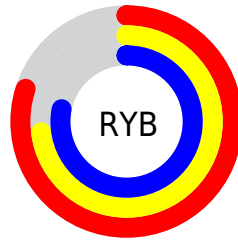
The XYZ color **52.4963, 51.9378, 61.2910** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.9018, 56.8701, 57.0121**, and the grayscale version is **50.4141, 53.0396, 57.7601**.

A 20% lighter version of the original color is **91.0421, 91.9843, 107.5640**, and **25.8928, 25.2090, 30.2892** is the 20% darker color. If you saturate the color by 10%, you get **47.9743, 43.7669, 57.0902**, and if you desaturate by 10%, it is **57.6463, 61.3352, 65.7883**.

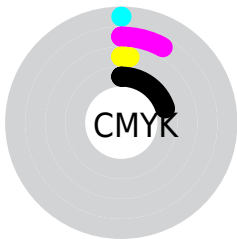
Distribution



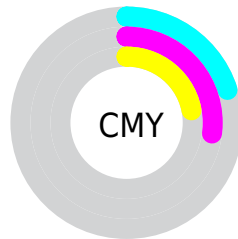
- Red (80%)
- Green (73%)
- Blue (78%)



- Red (80%)
- Yellow (73%)
- Blue (78%)



- Cyan (0%)
- Magenta (8%)
- Yellow (2%)
- Black (20%)



- Cyan (20%)
- Magenta (27%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.4963, 51.9378, 61.2910 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 52.4963, 51.9378, 61.2910 by changing the saturation by 10% instead.

■ 52.4963, 51.9378,
61.2910

■ 52.4963, 51.9378,
61.2910

386.6422,
394.1964, 447.2762

■ 37.6267, 36.9555,
44.0280

■ 93.0327, 93.0395,
108.2618

■ 25.8690, 25.1730,
30.3551

119.4301,
119.9277, 138.8067

■ 16.8578, 16.2060,
19.8540

150.4009,
151.5533, 174.6159

■ 10.2278, 9.6701,
12.1059

186.3104,
188.3007, 216.1080

■ 5.6137, 5.1807,
6.6924

227.5239,
230.5544, 263.7015

■ 2.6501, 2.3537,
3.1950

274.4068,

■ 0.9715, 0.8019,

278.6986, 317.8151

1.1950

327.3244,
333.1178, 378.8671

■ 0.0000, 0.0000,
0.0000

■ 52.4963, 51.9378,
61.2910

■ 52.4963, 51.9378,
61.2910

■ 47.9743, 43.7669,
57.0902

■ 57.6463, 61.3352,
65.7883

■ 44.0501, 36.7648,
53.1732

■ 63.4438, 72.0005,
70.5875

■ 40.6978, 30.8792,
49.5312

■ 69.9133, 83.9812,
75.6982

■ 37.8878, 26.0509,
46.1535

■ 73.0584, 89.2845,
79.7889

■ 35.5876, 22.2155,
43.0286

■ 73.6932, 89.5384,
83.1318

■ 33.7615, 19.3016,
40.1436

■ 74.3462, 89.7996,
86.5705

■ 32.3686, 17.2279,
37.4841

■ 75.0175, 90.0681,
90.1056

■ 31.3613, 15.8993,
35.0333

■ 75.7073, 90.3440,
93.7380

■ 30.6659, 15.1689,
32.7660

■ 76.4157, 90.6274,
97.4683

Harmonies

Analogous

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



51.2393, 51.9378, 65.3597



52.4963, 51.9378, 61.2910



52.9083, 51.9378, 56.1555

Triad

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



52.4963, 51.9378, 61.2910



49.2269, 51.9378, 47.2060



46.4944, 51.9378, 62.0192

Complementary

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



52.4963, 51.9378, 61.2910



50.9018, 56.8701, 57.0121

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.



45.9841, 51.9378, 56.9493



52.4963, 51.9378, 61.2910



47.5376, 51.9378, 48.5724

Square

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



52.4963, 51.9378, 61.2910



50.9936, 51.9378, 48.2146



46.3614, 51.9378, 52.0627



47.7721, 51.9378, 65.7978

Rectangle

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



52.4963, 51.9378, 61.2910



52.6405, 51.9378, 52.8708



46.3614, 51.9378, 52.0627



46.2289, 51.9378, 60.3991

Sweetspot

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



52.4978, 51.9401, 61.2921



92.3694, 95.1004, 106.5832



49.5674, 50.3750, 63.6116



19.6211, 20.0821, 22.6823



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.



52.4978, 51.9401, 61.2921



86.4966, 84.4152, 101.3565



51.5419, 51.5577, 56.2586



11.5702, 11.3568, 13.5375



19.4875, 9.6056, 20.8177



1.0334, 0.5068, 1.2219

Inverse Universe

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



52.4978, 51.9401, 61.2921



86.4966, 84.4152, 101.3565



51.8543, 57.2511, 62.0276



11.5702, 11.3568, 13.5375



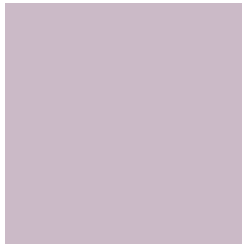
19.4875, 9.6056, 20.8177



1.0334, 0.5068, 1.2219

Previews

White Background



This preview shows how the XYZ color 52.4963, 51.9378, 61.2910 looks on a white background.

Color Contrast Check

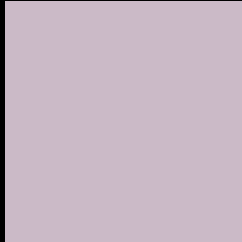
Large Text (above 18pt) WCAG AA × Fail

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 52.4963, 51.9378, 61.2910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

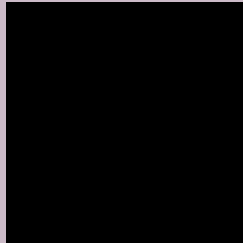
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.4963, 51.9378, 61.2910

Background



This preview shows how black text looks on a background with the XYZ color 52.4963, 51.9378, 61.2910.



This preview shows how white text looks on a background with the XYZ color 52.4963, 51.9378,

61.2910.

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

52.4963, 51.9378, 61.2910

Protanopia

50.4419, 52.1203, 62.6600

Deuteranopia

53.1114, 51.9433, 61.2596



Tritanopia

52.6128, 51.9845, 61.9046

Trichromacy



Original Color

52.4963, 51.9378, 61.2910

Protanomaly

51.1286, 52.1674, 62.0181

Deuteranomaly

52.8346, 51.8006, 61.2467

Tritanomaly

52.6128, 51.9845, 61.9046

Monochromacy



Original Color

52.4963, 51.9378, 61.2910

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.2897, 52.6374, 59.0865

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4963, 51.9378, 61.2910 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, 186, 199)` looks like.

```
.text, #text, p{  
    color:rgb(203, 186, 199)  
}
```

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, 186, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 186, 199) }
```

Border

The CSS property to change the border of an element to XYZ 52.4963, 51.9378, 61.2910 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, 186, 199) }
```


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

```
.border{ border-color:rgb(203, 186, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 186, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 186, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 186, 199);  
box-shadow:4px 4px 4px 4px rgb(203, 186,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4963, 51.9378, 61.2910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 186, 199) }
```

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

```
.background{ background-color: rgb(203,  
186, 199) }
```

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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