

Converting Colors

XYZ(53.1852, 52.0979, 63.8062)

Have a look what the booklet for
XYZ(53.1852, 52.0979, 63.8062)
contains.

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Color

**XYZ(53.2402, 52.2670,
63.7824)**

Conversions

Conversions Part 1

Format	Color
Hex	CCBACB
RGB	204, 186, 203
RGB Percent	80%, 73%, 80%
CMY	0.2000, 0.2706, 0.2039
CMYK	0.00, 0.09, 0.00, 0.20
HSL	303°, 15%, 76%
HSV	303°, 9%, 80%
XYZ	53.2402, 52.2670, 63.7824
YIQ	193.3200, 5.2710, 9.1030

Conversions

Conversions Part 2

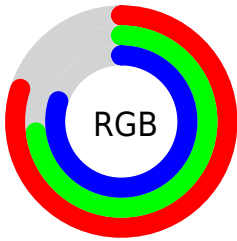
Format	Color
R_{YB}	204, 186, 203
Decimal	13417163
CIE _{Lab}	77.44, 9.40, -6.24
CIE _{LCh}	77, 11.287, 326.435
Yxy	52.2670, 0.3145, 0.3087
Android (android.graphics.Color)	4291607243 (0xFFCCBACB)
YUV	193.3200, 4.7722, 9.3664
Hunter-Lab	72.2959, 4.9332, -1.7009

Details

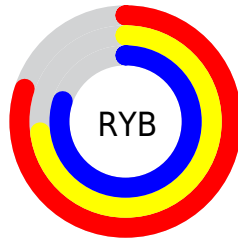
The XYZ color **53.2402, 52.2670, 63.7824** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.8142, 57.2140, 55.3816**, and the grayscale version is **50.8487, 53.4968, 58.2580**.

A 20% lighter version of the original color is **91.0421, 91.9843, 107.5640**, and **26.3900, 25.4290, 31.9512** is the 20% darker color. If you saturate the color by 10%, you get **49.1116, 44.2245, 61.7428**, and if you desaturate by 10%, it is **57.9863, 61.5415, 66.0339**.

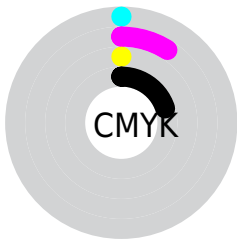
Distribution



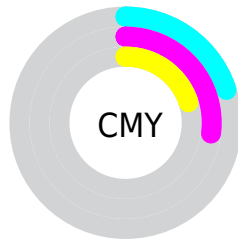
- Red (80%)
- Green (73%)
- Blue (80%)



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



- Cyan (0%)
- Magenta (9%)
- Yellow (0%)
- Black (20%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.2402, 52.2670, 63.7824 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 53.2402, 52.2670, 63.7824 by changing the saturation by 10% instead.

■ 53.2402, 52.2670,
63.7824

■ 53.2402, 52.2670,
63.7824

389.4518,
395.4665, 456.5893

■ 38.2228, 37.2179,
46.0294

■ 94.1212, 93.5249,
111.8939

■ 26.3337, 25.3763,
31.9202

120.7155,
120.5025, 143.0896

■ 17.2074, 16.3576,
21.0362

151.8994,
152.2251, 179.6032

■ 10.4787, 9.7776,
12.9590

188.0384,
189.0771, 221.8532

■ 5.7822, 5.2517,
7.2699

229.4978,
231.4428, 270.2583

■ 2.7525, 2.3957,
3.5505

276.6429,

■ 1.0243, 0.8237,

279.7067, 325.2370

1.3821

329.8391,
334.2531, 387.2078

■ 0.0000, 0.0000,
0.1277

■ 0.0000, 0.0000,
0.0000

■ 53.2402, 52.2670,
63.7824

■ 53.2402, 52.2670,
63.7824

■ 49.1116, 44.2245,
61.7428

■ 57.9863, 61.5415,
66.0339

■ 45.5702, 37.3555,
59.9032

■ 63.3698, 72.0899,
68.5022

■ 42.5898, 31.6068,
58.2555

■ 69.4151, 83.9604,
71.1959

■ 40.1404, 26.9186,
56.7895

■ 71.9901, 88.8887,
72.7378

■ 38.1892, 23.2254,
55.4946

■ 72.1297, 88.9446,
73.4728

■ 36.7000, 20.4545,
54.3584

■ 72.2703, 89.0008,
74.2131

■ 35.6314, 18.5233,
53.3672

■ 72.4119, 89.0574,
74.9586

■ 34.9349, 17.3346,
52.5048

■ 72.5544, 89.1144,
75.7094

■ 34.5317, 16.7311,
51.7450

■ 72.6980, 89.1719,
76.4654

Harmonies

Analogous

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



51.5608, 52.2670, 68.3063



53.2402, 52.2670, 63.7824



53.9643, 52.2670, 57.6568

Triad

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



53.2402, 52.2670, 63.7824



49.9384, 52.2670, 45.7872



46.0315, 52.2670, 62.4026

Complementary

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



53.2402, 52.2670, 63.7824



50.8142, 57.2140, 55.3816

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.



45.6253, 52.2670, 56.1694



53.2402, 52.2670, 63.7824



47.8420, 52.2670, 46.8573

Square

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



53.2402, 52.2670, 63.7824



52.0233, 52.2670, 47.5137



46.2788, 52.2670, 50.5497



47.4047, 52.2670, 67.4697

Rectangle

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



53.2402, 52.2670, 63.7824



53.7927, 52.2670, 53.5924



46.2788, 52.2670, 50.5497



45.7791, 52.2670, 60.3616

Sweetspot

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



53.2417, 52.2693, 63.7835



92.5895, 95.1885, 107.7426



48.9294, 50.0323, 64.2058



19.6807, 20.1060, 22.9963



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.



53.2417, 52.2693, 63.7835



86.4955, 83.2909, 104.8157



52.2113, 51.8571, 58.3573



11.6596, 11.3926, 14.0080



21.7202, 10.4987, 32.5750



1.1289, 0.5450, 1.7248

Inverse Universe

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



53.2417, 52.2693, 63.7835



86.4955, 83.2909, 104.8157



51.7968, 57.6071, 60.5559



11.6596, 11.3926, 14.0080



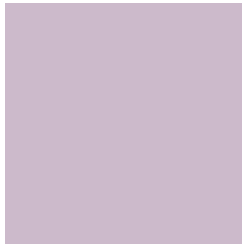
21.7202, 10.4987, 32.5750



1.1289, 0.5450, 1.7248

Previews

White Background



This preview shows how the XYZ color 53.2402, 52.2670, 63.7824 looks on a white background.

Color Contrast Check

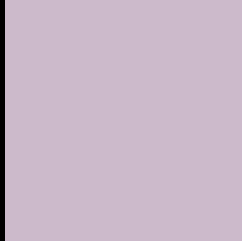
Large Text (above 18pt) WCAG AA × Fail

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 53.2402, 52.2670, 63.7824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

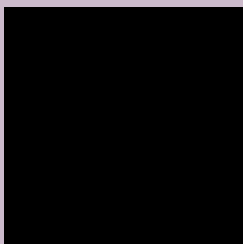
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

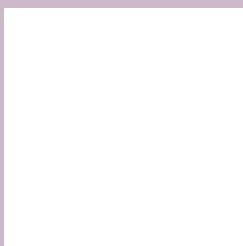
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.2402, 52.2670, 63.7824

Background



This preview shows how black text looks on a background with the XYZ color 53.2402, 52.2670, 63.7824.



This preview shows how white text looks on a background with the XYZ color 53.2402, 52.2670,

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

53.2402, 52.2670, 63.7824

Protanopia

51.0399, 52.3595, 65.8088

Deuteranopia

53.5152, 52.4087, 63.7953



Tritanopia

53.0034, 52.1722, 62.5350

Trichromacy



Original Color

53.2402, 52.2670, 63.7824

Protanomaly

51.9820, 52.5387, 65.1589

Deuteranomaly

53.5152, 52.4087, 63.7953

Tritanomaly

53.1214, 52.2194, 63.1567

Monochromacy



Original Color

53.2402, 52.2670, 63.7824

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.5175, 52.7284, 60.2857

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2402, 52.2670, 63.7824 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(204, 186, 203) looks like.

```
.text, #text, p{  
    color:rgb(204, 186, 203)  
}
```

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(204, 186, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 186, 203) }
```

Border

The CSS property to change the border of an element to XYZ 53.2402, 52.2670, 63.7824 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(204, 186, 203) }
```


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

```
.border{ border-color:rgb(204, 186, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 186, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 186, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 186, 203);  
box-shadow:4px 4px 4px 4px rgb(204, 186,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2402, 52.2670, 63.7824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 186, 203) }
```

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

```
.background{ background-color: rgb(204,  
186, 203) }
```

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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