

Converting Colors

XYZ(52.2658, 52.7128, 63.9198)

Have a look what the booklet for
XYZ(52.2658, 52.7128, 63.9198)
contains.

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Color

**XYZ(52.2658, 52.7128,
63.9198)**

Conversions

Conversions Part 1

Format	Color
Hex	C6BDCB
RGB	198, 189, 203
RGB Percent	78%, 74%, 80%
CMY	0.2235, 0.2588, 0.2039
CMYK	0.02, 0.07, 0.00, 0.20
HSL	279°, 12%, 77%
HSV	279°, 7%, 80%
XYZ	52.2658, 52.7128, 63.9198
YIQ	193.2870, 0.8700, 6.2620

Conversions

Conversions Part 2

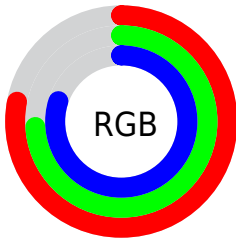
Format	Color
RYB	198, 189, 203
Decimal	13024715
CIELab	77.71, 5.73, -5.90
CIELCh	78, 8.229, 314.160
Yxy	52.7128, 0.3095, 0.3121
Android (android.graphics.Color)	4291214795 (0xFFC6BDCB)
YUV	193.2870, 4.7885, 4.1333
Hunter-Lab	72.6036, 1.4422, -1.3761

Details

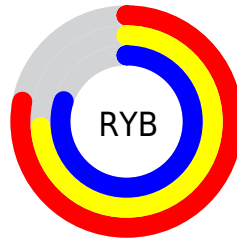
The XYZ color **52.2658, 52.7128, 63.9198** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.7914, 57.8568, 56.5319**, and the grayscale version is **50.8310, 53.4782, 58.2378**.

A 20% lighter version of the original color is **91.9424, 93.7848, 107.8641**, and **25.7306, 25.7075, 32.0397** is the 20% darker color. If you saturate the color by 10%, you get **46.3357, 43.6220, 62.4784**, and if you desaturate by 10%, it is **58.9017, 63.0777, 65.5715**.

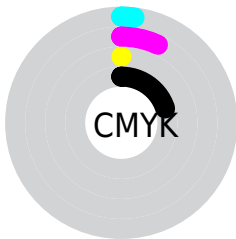
Distribution



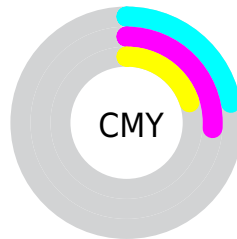
- Red (78%)
- Green (74%)
- Blue (80%)



- Red (78%)
- Yellow (74%)
- Blue (80%)



- Cyan (2%)
- Magenta (7%)
- Yellow (0%)
- Black (20%)



- Cyan (22%)
- Magenta (26%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.2658, 52.7128, 63.9198 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 52.2658, 52.7128, 63.9198 by changing the saturation by 10% instead.

■ 52.2658, 52.7128,
63.9198

■ 52.2658, 52.7128,
63.9198

385.7690,
397.1823, 457.0995

■ 37.4421, 37.5735,
46.1400

■ 92.6950, 94.1816,
112.0938

■ 25.7252, 25.6519,
32.0068

119.0313,
121.2800, 143.3250

■ 16.7498, 16.5634,
21.1018

149.9357,
153.1335, 179.8771

■ 10.1505, 9.9237,
13.0065

185.7738,
190.1266, 222.1686

■ 5.5619, 5.3484,
7.3022

226.9108,
232.6436, 270.6180

■ 2.6186, 2.4531,
3.5705

273.7121,

■ 0.9555, 0.8530,

281.0690, 325.6440

1.3928

326.5431,
335.7870, 387.6649

■ 0.0000, 0.0000,
0.1361

■ 0.0000, 0.0000,
0.0000

■ 52.2658, 52.7128,
63.9198

■ 52.2658, 52.7128,
63.9198

■ 46.3357, 43.6220,
62.4784

■ 58.9017, 63.0777,
65.5715

■ 41.0802, 35.7472,
61.2355

■ 66.2638, 74.7581,
67.4380

■ 36.4727, 29.0363,
60.1830

■ 74.3774, 87.8018,
69.5281

■ 32.4826, 23.4301,
59.3112

■ 78.2208, 92.1641,
70.1675

■ 29.0769, 18.8646,
58.6094

■ 80.5568, 93.3683,
70.2768

■ 26.2190, 15.2688,
58.0660

■ 82.9902, 94.6228,
70.3907

■ 23.8679, 12.5624,
57.6675

■ 85.5223, 95.9282,
70.5092

■ 21.9757, 10.6520,
57.3985

■ 87.7796, 97.0919,
70.6148

■ 20.4793, 9.4138,
57.2384

Harmonies

Analogous

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



50.8548, 52.7128, 66.3261



52.2658, 52.7128, 63.9198



53.1061, 52.7128, 59.8226

Triad

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



52.2658, 52.7128, 63.9198



50.9425, 52.7128, 49.3646



47.1909, 52.7128, 59.5676

Complementary

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



52.2658, 52.7128, 63.9198



52.7914, 57.8568, 56.5319

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.



47.2132, 52.7128, 55.0345



52.2658, 52.7128, 63.9198



49.3565, 52.7128, 49.3045

Square

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



52.2658, 52.7128, 63.9198



52.3311, 52.7128, 51.4995



47.9986, 52.7128, 51.3306



47.9370, 52.7128, 63.7247

Rectangle

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



52.2658, 52.7128, 63.9198



53.2187, 52.7128, 56.7614



47.9986, 52.7128, 51.3306



47.1093, 52.7128, 58.0339

Sweetspot

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



52.2673, 52.7151, 63.9210



92.7774, 96.4452, 108.3336



51.0894, 53.7758, 64.1878



19.8820, 20.6805, 23.1938



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.



52.2673, 52.7151, 63.9210



86.2535, 86.3118, 106.7215



53.3861, 53.3173, 62.8192



11.2837, 11.1955, 14.1366



12.8682, 5.8414, 36.4055



0.7447, 0.3430, 1.8819

Inverse Universe

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



52.5657, 52.9892, 58.4991



86.8440, 86.8519, 96.1027



51.7335, 57.2878, 57.5468



11.3751, 11.2788, 12.5100



16.4684, 8.3980, 4.9193



0.8856, 0.4476, 0.4433

Previews

White Background



This preview shows how the XYZ color 52.2658, 52.7128, 63.9198 looks on a white background.

Color Contrast Check

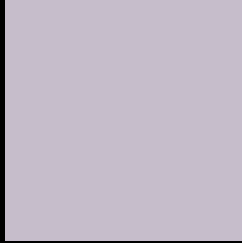
Large Text (above 18pt) WCAG AA × Fail

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 52.2658, 52.7128, 63.9198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

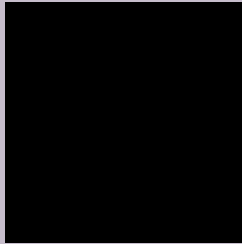
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.2658, 52.7128, 63.9198

Background



This preview shows how black text looks on a background with the XYZ color 52.2658, 52.7128, 63.9198.

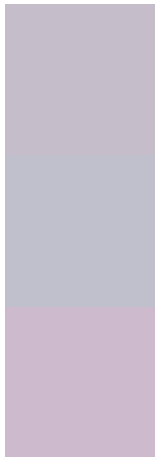


This preview shows how white text looks on a background with the XYZ color 52.2658, 52.7128,

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

52.2658, 52.7128, 63.9198

Protanopia

51.2681, 52.8277, 64.6214

Deuteranopia

53.6348, 52.4566, 64.4250



Tritanopia

52.3854, 52.7606, 64.5495

Trichromacy



Original Color

52.2658, 52.7128, 63.9198

Protanomaly

51.5607, 52.6559, 64.5728

Deuteranomaly

53.0265, 52.4568, 64.4571

Tritanomaly

52.3854, 52.7606, 64.5495

Monochromacy



Original Color

52.2658, 52.7128, 63.9198

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.4334, 53.3326, 60.4067

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2658, 52.7128, 63.9198 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(198, 189, 203) looks like.

```
.text, #text, p{  
    color:rgb(198, 189, 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(198, 189, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 189, 203) }
```

Border

The CSS property to change the border of an element to XYZ 52.2658, 52.7128, 63.9198 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(198, 189, 203) }
```


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

```
.border{ border-color:rgb(198, 189, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 189, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 189, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 189, 203);  
box-shadow:4px 4px 4px 4px rgb(198, 189,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2658, 52.7128, 63.9198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 189, 203) }
```

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

```
.background{ background-color: rgb(198,  
189, 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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