

Converting Colors

XYZ(52.8933, 52.7772, 61.2814)

Have a look what the booklet for
XYZ(52.8933, 52.7772, 61.2814)
contains.

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Color

**XYZ(52.9206, 52.7865,
61.4324)**

Conversions

Conversions Part 1

Format	Color
Hex	CBBCC7
RGB	203, 188, 199
RGB Percent	80%, 74%, 78%
CMY	0.2039, 0.2627, 0.2196
CMYK	0.00, 0.07, 0.02, 0.20
HSL	316°, 13%, 77%
HSV	316°, 7%, 80%
XYZ	52.9206, 52.7865, 61.4324
YIQ	193.7390, 5.4090, 6.6010

Conversions

Conversions Part 2

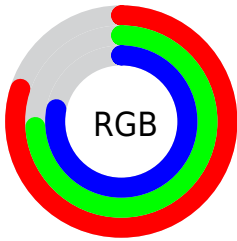
Format	Color
R _Y B	203, 188, 199
Decimal	13352135
CIE Lab	77.75, 7.25, -3.63
CIE LCh	78, 8.105, 333.416
Yxy	52.7865, 0.3166, 0.3158
Android (android.graphics.Color)	4291542215 (0xFFCBBCC7)
YUV	193.7390, 2.5937, 8.1219
Hunter-Lab	72.6543, 2.8724, 0.7257

Details

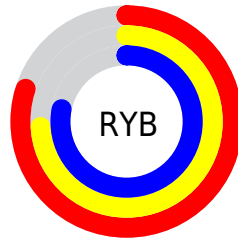
The XYZ color **52.9206, 52.7865, 61.4324** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.6114, 57.2104, 58.1944**, and the grayscale version is **51.1081, 53.7697, 58.5552**.

A 20% lighter version of the original color is **91.6407, 93.1814, 107.7636**, and **26.1692, 25.7618, 30.3813** is the 20% darker color. If you saturate the color by 10%, you get **48.2683, 44.4696, 56.8354**, and if you desaturate by 10%, it is **58.2083, 62.3369, 66.3529**.

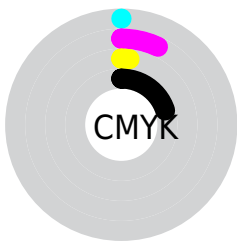
Distribution



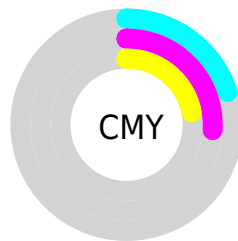
- Red (80%)
- Green (74%)
- Blue (78%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.9206, 52.7865, 61.4324 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 52.9206, 52.7865, 61.4324 by changing the saturation by 10% instead.

■ 52.9206, 52.7865,
61.4324

■ 52.9206, 52.7865,
61.4324

388.2463,
397.4655, 447.8080

■ 37.9666, 37.6324,
44.1414

■ 93.6537, 94.2901,
108.4684

■ 26.1339, 25.6975,
30.4437

120.1636,
121.4084, 139.0505

■ 17.0570, 16.5975,
19.9207

151.2561,
153.2835, 174.9000

■ 10.3707, 9.9479,
12.1539

187.2967,
190.2999, 216.4355

■ 5.7096, 5.3644,
6.7248

228.6506,
232.8419, 264.0755

■ 2.7083, 2.4626,
3.2148

275.6833,

■ 1.0014, 0.8578,

281.2938, 318.2385

1.2053

328.7601,
336.0403, 379.3432

■ 0.0000, 0.0000,
0.0000

■ 52.9206, 52.7865,
61.4324

■ 52.9206, 52.7865,
61.4324

■ 48.2683, 44.4696,
56.8354

■ 58.2083, 62.3369,
66.3529

■ 44.2213, 37.3285,
52.5487

■ 64.1508, 73.1617,
71.6025

■ 40.7538, 31.3113,
48.5633

■ 70.7725, 85.3084,
77.1911

■ 37.8363, 26.3594,
44.8682

■ 73.3947, 89.4190,
81.5602

■ 35.4366, 22.4089,
41.4514

■ 74.1265, 89.7117,
85.4139

■ 33.5193, 19.3891,
38.2999

■ 74.8818, 90.0138,
89.3913

■ 32.0439, 17.2199,
35.3991

■ 75.6608, 90.3254,
93.4933

■ 30.9637, 15.8077,
32.7320

■ 76.4637, 90.6466,
97.7212

■ 30.2133, 15.0225,
30.2756

■ 77.2906, 90.9774,
102.0759

Harmonies

Analogous

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



51.8531, 52.7865, 64.9990



52.9206, 52.7865, 61.4324



53.2464, 52.7865, 56.9619

Triad

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



52.9206, 52.7865, 61.4324



49.9923, 52.7865, 49.2693



47.6939, 52.7865, 62.3699

Complementary

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



52.9206, 52.7865, 61.4324



51.6114, 57.2104, 58.1944

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.



47.2182, 52.7865, 57.9922



52.9206, 52.7865, 61.4324



48.5276, 52.7865, 50.5563

Square

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



52.9206, 52.7865, 61.4324



51.5352, 52.7865, 50.0848



47.5202, 52.7865, 53.6923



48.8330, 52.7865, 65.5598

Rectangle

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



52.9206, 52.7865, 61.4324



52.9937, 52.7865, 54.1075



47.5202, 52.7865, 53.6923



47.4522, 52.7865, 60.9805

Sweetspot

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



52.9221, 52.7888, 61.4335



93.2263, 96.7018, 107.2155



50.5031, 51.4874, 63.7768



19.9734, 20.7327, 22.9663



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.



52.9221, 52.7888, 61.4335



87.1906, 85.8334, 101.4954



52.0727, 52.4490, 56.9607



11.5548, 11.3507, 13.4564



19.1580, 9.4738, 19.0823



1.0188, 0.5009, 1.1446

Inverse Universe

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



52.9221, 52.7888, 61.4335



87.1906, 85.8334, 101.4954



52.4636, 57.5513, 62.6823



11.5548, 11.3507, 13.4564



19.1580, 9.4738, 19.0823



1.0188, 0.5009, 1.1446

Previews

White Background



This preview shows how the XYZ color 52.9206, 52.7865, 61.4324 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 52.9206, 52.7865, 61.4324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

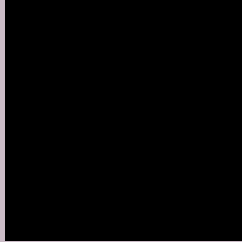
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.9206, 52.7865, 61.4324

Background



This preview shows how black text looks on a background with the XYZ color 52.9206, 52.7865, 61.4324.



This preview shows how white text looks on a background with the XYZ color 52.9206, 52.7865,

61.4324.

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

52.9206, 52.7865, 61.4324

Protanopia

51.1657, 52.8161, 62.7561

Deuteranopia

53.8801, 52.6512, 61.3557



Tritanopia

53.0596, 52.5014, 63.2144

Trichromacy



Original Color

52.9206, 52.7865, 61.4324

Protanomaly

51.8647, 52.8674, 62.1144

Deuteranomaly

53.5327, 52.7860, 61.4001

Tritanomaly

52.9415, 52.4542, 62.5927

Monochromacy



Original Color

52.9206, 52.7865, 61.4324

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.8394, 53.5551, 59.8295

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9206, 52.7865, 61.4324 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, 188, 199) looks like.

```
.text, #text, p{  
    color:rgb(203, 188, 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, 188, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 188, 199) }
```

Border

The CSS property to change the border of an element to XYZ 52.9206, 52.7865, 61.4324 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, 188, 199) }
```


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

```
.border{ border-color:rgb(203, 188, 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, 188, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 188, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 188, 199);  
box-shadow:4px 4px 4px 4px rgb(203, 188,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9206, 52.7865, 61.4324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 188, 199) }
```

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

```
.background{ background-color: rgb(203,  
188, 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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