

Converting Colors

XYZ(57.8862, 57.8207, 77.2171)

Have a look what the booklet for
XYZ(57.8862, 57.8207, 77.2171)
contains.

XYZ(58.0529, 58.0438, 77.2511)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(58.0529, 58.0438,
77.2511)**

Conversions

Conversions Part 1

Format	Color
Hex	CCC5DE
RGB	204, 197, 222
RGB Percent	80%, 77%, 87%
CMY	0.2000, 0.2274, 0.1294
CMYK	0.08, 0.11, 0.00, 0.13
HSL	257°, 27%, 82%
HSV	257°, 11%, 87%
XYZ	58.0529, 58.0438, 77.2511
YIQ	201.9430, -3.8530, 9.2590

Conversions

Conversions Part 2

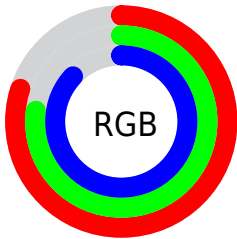
Format	Color
R_{YB}	204, 197, 222
Decimal	13419998
CIE Lab	80.76, 7.14, -11.55
CIE LCh	81, 13.578, 301.748
Yxy	58.0438, 0.3003, 0.3002
Android (android.graphics.Color)	4291610078 (0xFFCCC5DE)
YUV	201.9430, 9.8881, 1.8040
Hunter-Lab	76.1865, 2.6878, -6.7880

Details

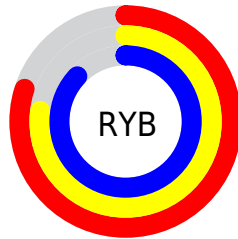
The XYZ color **58.0529, 58.0438, 77.2511** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.2258, 70.7224, 63.0919**, and the grayscale version is **56.0470, 58.9658, 64.2137**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **29.3752, 28.9190, 40.5929** is the 20% darker color. If you saturate the color by 10%, you get **49.2199, 46.5513, 75.4993**, and if you desaturate by 10%, it is **68.0814, 71.2577, 79.2740**.

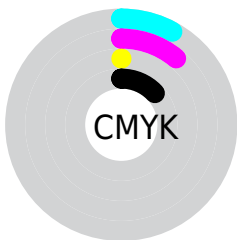
Distribution



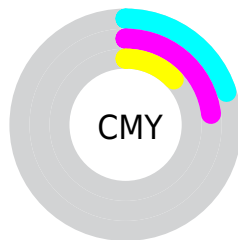
- Red (80%)
- Green (77%)
- Blue (87%)



- Red (80%)
- Yellow (77%)
- Blue (87%)



- Cyan (8%)
- Magenta (11%)
- Yellow (0%)
- Black (13%)



- Cyan (20%)
- Magenta (23%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.0529, 58.0438, 77.2511 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 58.0529, 58.0438, 77.2511 by changing the saturation by 10% instead.

■ 58.0529, 58.0438,
77.2511

■ 58.0529, 58.0438,
77.2511

407.3337,
417.3491, 505.0801

■ 42.0946, 41.8439,
56.9462

101.1224,
101.9866, 131.2701

■ 29.3668, 28.9791,
40.5530

128.9643,
130.4983, 165.8213

■ 19.5042, 19.0650,
27.6529

161.4982,
163.8827, 205.9584

■ 12.1413, 11.7172,
17.8274

199.0893,
202.5242, 252.0998

■ 6.9129, 6.5514,
10.6580

242.1031,
246.8072, 304.6641

■ 3.4535, 3.1832,
5.7261

290.9048,

■ 1.3979, 1.2281,

297.1161, 364.0699

2.6132

345.8599,
353.8353, 430.7358

■ 0.2547, 0.0845,
0.8992

■ 0.0000, 0.0000,
0.0000

■ 58.0529, 58.0438,
77.2511

■ 58.0529, 58.0438,
77.2511

■ 49.2199, 46.5513,
75.4993

■ 68.0814, 71.2577,
79.2740

■ 41.5314, 36.7012,
74.0032

■ 79.3436, 86.2529,
81.5748

■ 34.9404, 28.4194,
72.7521

■ 89.0751, 97.4819,
83.2293

■ 29.3942, 21.6228,
71.7325

■ 90.1850, 98.0540,
83.2812

■ 24.8358, 16.2207,
70.9301

■ 21.2022, 12.1123,
70.3286

■ 18.4227, 9.1825,
69.9095

■ 16.4144, 7.2947,
69.6510

■ 15.1806, 6.3027,
69.5246

Harmonies

Analogous

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



55.3334, 58.0438, 79.9126



58.0529, 58.0438, 77.2511



60.0526, 58.0438, 70.7891

Triad

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



58.0529, 58.0438, 77.2511



57.7588, 58.0438, 50.5581



49.9566, 58.0438, 63.6718

Complementary

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



58.0529, 58.0438, 77.2511



64.2258, 70.7224, 63.0919

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.



50.5574, 58.0438, 56.1734



58.0529, 58.0438, 77.2511



55.0047, 58.0438, 48.9966

Square

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



58.0529, 58.0438, 77.2511



59.8788, 58.0438, 55.4229



52.3820, 58.0438, 50.9649



50.7127, 58.0438, 71.6722

Rectangle

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



58.0529, 58.0438, 77.2511



60.6749, 58.0438, 65.4405



52.3820, 58.0438, 50.9649



50.0065, 58.0438, 61.0109

Sweetspot

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



58.0546, 58.0463, 77.2524



90.6602, 94.1860, 108.0091



60.5981, 65.9169, 78.6375



19.1595, 19.8351, 23.0687



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.



58.0546, 58.0463, 77.2524



75.8666, 74.7460, 105.0366



61.5211, 59.8333, 77.4146



13.3105, 13.4281, 17.2780



9.1103, 3.7919, 41.3001



0.7172, 0.3070, 2.8667

Inverse Universe

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



62.3582, 60.3710, 72.6590



83.1323, 78.6727, 97.1955



60.7845, 68.9483, 62.9308



14.1228, 13.8668, 16.4169



21.7043, 10.7487, 20.9064



1.5420, 0.7601, 1.6468

Previews

White Background



This preview shows how the XYZ color 58.0529, 58.0438, 77.2511 looks on a white background.

Color Contrast Check

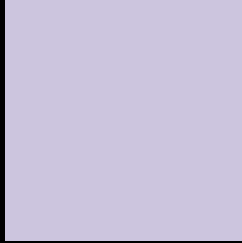
Large Text (above 18pt) WCAG AA × Fail

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 58.0529, 58.0438, 77.2511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

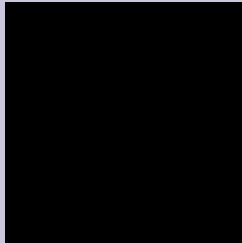
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.0529, 58.0438, 77.2511

Background



This preview shows how black text looks on a background with the XYZ color 58.0529, 58.0438, 77.2511.



This preview shows how white text looks on a background with the XYZ color 58.0529, 58.0438,

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

58.0529, 58.0438, 77.2511

Protanopia

56.7687, 58.0449, 78.0238

Deuteranopia

59.2783, 58.0058, 77.1792



Tritanopia

56.9603, 57.9397, 71.7997

Trichromacy



Original Color

58.0529, 58.0438, 77.2511

Protanomaly

57.3328, 57.9952, 77.9845

Deuteranomaly

58.9372, 58.1637, 77.2276

Tritanomaly

57.3471, 58.0944, 73.8365

Monochromacy



Original Color

58.0529, 58.0438, 77.2511

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.7915, 58.6085, 68.6409

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0529, 58.0438, 77.2511 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, 197, 222)` looks like.

```
.text, #text, p{  
    color:rgb(204, 197, 222)  
}
```

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, 197, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 197, 222) }
```

Border

The CSS property to change the border of an element to XYZ 58.0529, 58.0438, 77.2511 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, 197, 222) }
```


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

```
.border{ border-color:rgb(204, 197, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 197, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 197, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 197, 222);  
box-shadow:4px 4px 4px 4px rgb(204, 197,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0529, 58.0438, 77.2511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 197, 222) }
```

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

```
.background{ background-color: rgb(204,  
197, 222) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor