

Converting Colors

XYZ(55.3298, 52.7100, 77.1331)

Have a look what the booklet for
XYZ(55.3298, 52.7100, 77.1331)
contains.

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Color

**XYZ(55.2968, 52.7221,
77.0740)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | CBB9DF |
| RGB | 203, 185, 223 |
| RGB Percent | 80%, 73%, 87% |
| CMY | 0.2039, 0.2745, 0.1255 |
| CMYK | 0.09, 0.17, 0.00, 0.13 |
| HSL | 268°, 37%, 80% |
| HSV | 268°, 17%, 87% |
| XYZ | 55.2968, 52.7221, 77.0740 |
| YIQ | 194.7140, -1.4700, 15.6340 |

Conversions

Conversions Part 2

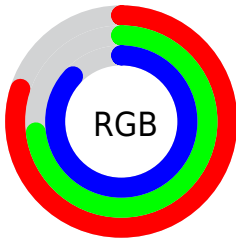
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 203, 185, 223 |
| Decimal | 13351391 |
| CIE _{Lab} | 77.71, 13.48, -16.67 |
| CIE _{LCh} | 78, 21.440, 308.954 |
| Yxy | 52.7221, 0.2988, 0.2848 |
| Android (android.graphics.Color) | 4291541471 (0xFFCBB9DF) |
| YUV | 194.7140, 13.9450, 7.2668 |
| Hunter-Lab | 72.6100, 8.8708, -12.1081 |

Details

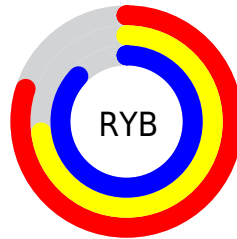
The XYZ color **55.2968, 52.7221, 77.0740** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **60.3234, 69.2587, 56.0903**, and the grayscale version is **51.6233, 54.3117, 59.1454**.

A 20% lighter version of the original color is **90.7453, 91.3906, 107.4651**, and **27.7136, 25.7192, 40.5494** is the 20% darker color. If you saturate the color by 10%, you get **47.9165, 42.5279, 75.4961**, and if you desaturate by 10%, it is **63.6540, 64.5088, 78.9094**.

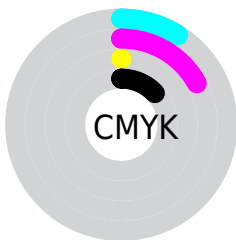
Distribution



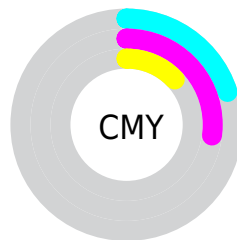
- Red (80%)
- Green (73%)
- Blue (87%)



- Red (80%)
- Yellow (73%)
- Blue (87%)



- Cyan (9%)
- Magenta (17%)
- Yellow (0%)
- Black (13%)



- Cyan (20%)
- Magenta (27%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.2968, 52.7221, 77.0740 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 55.2968, 52.7221, 77.0740 by changing the saturation by 10% instead.

■ 55.2968, 52.7221,
77.0740

■ 55.2968, 52.7221,
77.0740

397.1541,
397.2180, 504.4607

■ 39.8742, 37.5810,
56.8017

■ 97.1215, 94.1953,
131.0179

■ 27.6242, 25.6576,
40.4377

124.2542,
121.2962, 165.5266

■ 18.1816, 16.5677,
27.5636

156.0211,
153.1524, 205.6178

■ 11.1809, 9.9267,
17.7608

192.7874,
190.1484, 251.7100

■ 6.2568, 5.3504,
10.6107

234.9185,
232.6686, 304.2219

■ 3.0440, 2.4543,
5.6949

282.7797,

■ 1.1771, 0.8536,

281.0973, 363.5720

2.5947

336.7365,
335.8190, 430.1787

■ 0.0882, 0.0000,
0.8897

■ 0.0000, 0.0000,
0.0000

■ 55.2968, 52.7221,
77.0740

■ 55.2968, 52.7221,
77.0740

■ 47.9165, 42.5279,
75.4961

■ 63.6540, 64.5088,
78.9094

■ 41.4690, 33.8489,
74.1607

■ 73.0202, 77.9476,
81.0097

■ 35.9137, 26.6109,
73.0564

■ 83.4320, 93.1031,
83.3863

■ 31.2047, 20.7308,
72.1697

■ 88.4867, 97.1629,
83.9035

■ 27.2917, 16.1169,
71.4853

■ 90.3194, 98.1078,
83.9892

■ 24.1182, 12.6654,
70.9864

■ 21.6190, 10.2551,
70.6529

■ 19.7102, 8.7287,
70.4589

■ 19.2188, 8.3690,
70.4153

Harmonies

Analogous

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



51.3630, 52.7221, 83.0683



55.2968, 52.7221, 77.0740



57.9331, 52.7221, 66.0096

Triad

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



55.2968, 52.7221, 77.0740



53.0313, 52.7221, 38.6093



42.6345, 52.7221, 61.0363

Complementary

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



55.2968, 52.7221, 77.0740



60.3234, 69.2587, 56.0903

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.



43.0263, 52.7221, 49.5834



55.2968, 52.7221, 77.0740



48.8790, 52.7221, 37.6608

Square

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



55.2968, 52.7221, 77.0740



56.5758, 52.7221, 44.2031



45.2596, 52.7221, 41.4046



44.1581, 52.7221, 73.0050

Rectangle

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



55.2968, 52.7221, 77.0740



58.5199, 52.7221, 57.8236



45.2596, 52.7221, 41.4046



42.5484, 52.7221, 56.9893

Sweetspot

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



55.2984, 52.7243, 77.0752



88.6906, 90.8825, 107.4753



55.2239, 59.4343, 78.3742



18.7982, 19.1882, 22.9629



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.



55.2984, 52.7243, 77.0752



71.6874, 66.9253, 103.7473



60.7123, 55.5153, 77.3285



13.5664, 13.5600, 17.2900



11.4288, 4.9871, 41.4086



0.8950, 0.3987, 2.8750

Inverse Universe

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



58.8016, 54.7959, 65.2376



77.2346, 70.2064, 84.9661



55.4610, 66.7521, 55.8627



14.0071, 13.8205, 15.8078



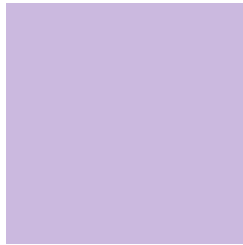
19.8518, 10.0077, 11.1512



1.4212, 0.7117, 1.0108

Previews

White Background



This preview shows how the XYZ color 55.2968, 52.7221, 77.0740 looks on a white background.

Color Contrast Check

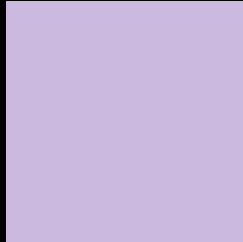
Large Text (above 18pt) WCAG AA × Fail

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 55.2968, 52.7221, 77.0740 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 55.2968, 52.7221, 77.0740

Background



This preview shows how black text looks on a background with the XYZ color 55.2968, 52.7221, 77.0740.



This preview shows how white text looks on a background with the XYZ color 55.2968, 52.7221,

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

55.2968, 52.7221, 77.0740

Protanopia

52.2862, 52.6873, 80.0869

Deuteranopia

53.8546, 52.6041, 77.1272



Tritanopia

52.5821, 52.5576, 63.8732

Trichromacy



Original Color

55.2968, 52.7221, 77.0740

Protanomaly

53.4489, 52.6639, 79.2996

Deuteranomaly

54.4314, 52.5876, 77.0936

Tritanomaly

53.4906, 52.6113, 68.3085

Monochromacy



Original Color

55.2968, 52.7221, 77.0740

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.9389, 53.6751, 65.3278

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2968, 52.7221, 77.0740 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, 185, 223)` looks like.

```
.text, #text, p{  
    color:rgb(203, 185, 223)  
}
```

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, 185, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 185, 223) }
```

Border

The CSS property to change the border of an element to XYZ 55.2968, 52.7221, 77.0740 is called "border". The border property can be set on classes, ids or directly on the HTML element.

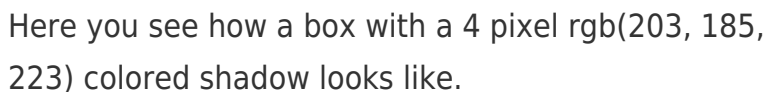
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(203, 185, 223) }
```


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

```
.border{ border-color:rgb(203, 185, 223) }
```

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



Here you see how a box with a 4 pixel `rgb(203, 185, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 185, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 185, 223);  
box-shadow:4px 4px 4px 4px rgb(203, 185,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2968, 52.7221, 77.0740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 185, 223) }
```

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

```
.background{ background-color: rgb(203,  
185, 223) }
```

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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