

Converting Colors

XYZ(52.7806, 51.0858, 72.3841)

Have a look what the booklet for
XYZ(52.7806, 51.0858, 72.3841)
contains.

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Color

**XYZ(52.9536, 51.2965,
72.7559)**

Conversions

Conversions Part 1

Format	Color
Hex	C6B8D9
RGB	198, 184, 217
RGB Percent	78%, 72%, 85%
CMY	0.2235, 0.2784, 0.1490
CMYK	0.09, 0.15, 0.00, 0.15
HSL	265°, 30%, 79%
HSV	265°, 15%, 85%
XYZ	52.9536, 51.2965, 72.7559
YIQ	191.9480, -2.2490, 13.2310

Conversions

Conversions Part 2

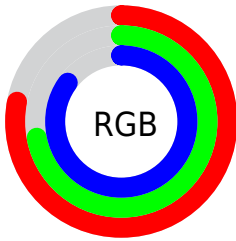
Format	Color
RYB	198, 184, 217
Decimal	13023449
CIELab	76.86, 11.17, -14.75
CIELCh	77, 18.503, 307.142
Yxy	51.2965, 0.2992, 0.2898
Android (android.graphics.Color)	4291213529 (0xFFC6B8D9)
YUV	191.9480, 12.3506, 5.3076
Hunter-Lab	71.6216, 6.6367, -10.0939

Details

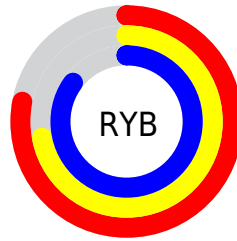
The XYZ color **52.9536, 51.2965, 72.7559** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **58.0950, 65.7842, 54.9855**, and the grayscale version is **50.0051, 52.6092, 57.2914**.

A 20% lighter version of the original color is **90.4501, 90.8002, 107.3667**, and **26.1395, 24.7705, 37.5859** is the 20% darker color. If you saturate the color by 10%, you get **45.6287, 41.3353, 71.2201**, and if you desaturate by 10%, it is **61.2448, 62.7850, 74.5372**.

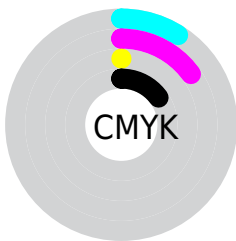
Distribution



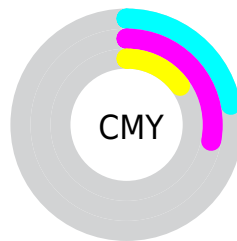
- Red (78%)
- Green (72%)
- Blue (85%)



- Red (78%)
- Yellow (72%)
- Blue (85%)



- Cyan (9%)
- Magenta (15%)
- Yellow (0%)
- Black (15%)



- Cyan (22%)
- Magenta (28%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.9536, 51.2965, 72.7559 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 52.9536, 51.2965, 72.7559 by changing the saturation by 10% instead.

■ 52.9536, 51.2965,
72.7559

■ 52.9536, 51.2965,
72.7559

388.3709,
391.7147, 489.2164

■ 37.9931, 36.4446,
53.2858

■ 93.7020, 92.0929,
124.8483

■ 26.1545, 24.7778,
37.6417

120.2206,
118.8062, 158.3077

■ 17.0725, 15.9116,
25.4050

151.3226,
150.2421, 197.2672

■ 10.3818, 9.4616,
16.1573

187.3733,
186.7851, 242.1455

■ 5.7171, 5.0435,
9.4800

228.7382,
228.8194, 293.3610

■ 2.7128, 2.2728,
4.9545

275.7825,

■ 1.0038, 0.7593,

276.7295, 351.3323

2.1623

328.8716,
330.8998, 416.4779

■ 0.0000, 0.0000,
0.6525

■ 0.0000, 0.0000,
0.0000

■ 52.9536, 51.2965,
72.7559

■ 52.9536, 51.2965,
72.7559

■ 45.6287, 41.3353,
71.2201

■ 61.2448, 62.7850,
74.5372

■ 39.2275, 32.8287,
69.9155

■ 70.5332, 75.8562,
76.5707

■ 33.7109, 25.7077,
68.8318

■ 80.8543, 90.5710,
78.8669

■ 29.0350, 19.8950,
67.9562

■ 86.9892, 96.4828,
79.6847

■ 25.1518, 15.3054,
67.2750

■ 89.5245, 97.7898,
79.8033

■ 22.0077, 11.8433,
66.7725

■ 19.5415, 9.3981,
66.4305

■ 17.6792, 7.8348,
66.2269

■ 16.9435, 7.2879,
66.1601

Harmonies

Analogous

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



49.6014, 51.2965, 77.3561



52.9536, 51.2965, 72.7559



55.2558, 51.2965, 63.7183

Triad

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



52.9536, 51.2965, 72.7559



51.4298, 51.2965, 39.8414



42.3495, 51.2965, 58.2958

Complementary

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



52.9536, 51.2965, 72.7559



58.0950, 65.7842, 54.9855

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.



42.7866, 51.2965, 48.6635



52.9536, 51.2965, 72.7559



47.9199, 51.2965, 38.7573

Square

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



52.9536, 51.2965, 72.7559



54.3470, 51.2965, 44.9573



44.7859, 51.2965, 41.7948



43.5619, 51.2965, 68.3809

Rectangle

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



52.9536, 51.2965, 72.7559



55.8258, 51.2965, 56.8242



44.7859, 51.2965, 41.7948



42.3094, 51.2965, 54.8933

Sweetspot

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



52.9552, 51.2987, 72.7570



88.4671, 90.7673, 107.4649



53.7084, 58.0320, 74.0170



18.7439, 19.1602, 22.9603



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.



52.9552, 51.2987, 72.7570



73.0514, 69.4576, 104.1642



57.4710, 53.6266, 72.9684



12.8597, 12.8858, 16.4616



10.3717, 4.4710, 40.0547



0.7690, 0.3397, 2.5995

Inverse Universe

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



56.5370, 53.3467, 63.8194



79.1370, 72.9388, 88.9061



53.8988, 63.6210, 54.7892



13.3687, 13.1766, 15.2029



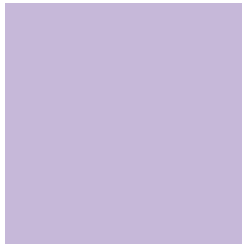
19.6148, 9.8470, 12.8835



1.3135, 0.6550, 1.0598

Previews

White Background



This preview shows how the XYZ color 52.9536, 51.2965, 72.7559 looks on a white background.

Color Contrast Check

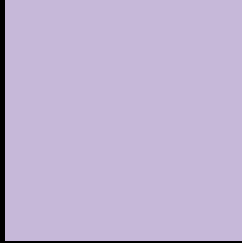
Large Text (above 18pt) WCAG AA × Fail

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 52.9536, 51.2965, 72.7559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

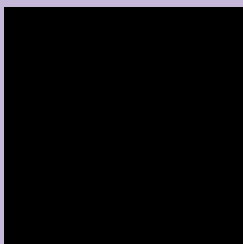
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.9536, 51.2965, 72.7559

Background



This preview shows how black text looks on a background with the XYZ color 52.9536, 51.2965, 72.7559.



This preview shows how white text looks on a background with the XYZ color 52.9536, 51.2965,

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

52.9536, 51.2965, 72.7559

Protanopia

50.6687, 51.3241, 74.9462

Deuteranopia

52.3790, 51.3098, 72.7887



Tritanopia

50.8186, 51.3598, 62.4933

Trichromacy



Original Color

52.9536, 51.2965, 72.7559

Protanomaly

51.5428, 51.4739, 74.2367

Deuteranomaly

52.6383, 51.4434, 72.8009

Tritanomaly

51.5863, 51.3586, 66.2258

Monochromacy



Original Color

52.9536, 51.2965, 72.7559

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.9883, 52.0816, 62.6237

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9536, 51.2965, 72.7559 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, 184, 217)` looks like.

```
.text, #text, p{  
    color:rgb(198, 184, 217)  
}
```

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, 184, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 184, 217) }
```

Border

The CSS property to change the border of an element to XYZ 52.9536, 51.2965, 72.7559 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, 184, 217) }
```


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

```
.border{ border-color:rgb(198, 184, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 184, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 184, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 184, 217);  
box-shadow:4px 4px 4px 4px rgb(198, 184,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9536, 51.2965, 72.7559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 184, 217) }
```

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

```
.background{ background-color: rgb(198,  
184, 217) }
```

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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