

Converting Colors

XYZ(52.5335, 50.8678, 77.8008)

Have a look what the booklet for
XYZ(52.5335, 50.8678, 77.8008)
contains.

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Color

**XYZ(52.5874, 51.0003,
77.5934)**

Conversions

Conversions Part 1

Format	Color
Hex	C1B8E0
RGB	193, 184, 224
RGB Percent	76%, 72%, 88%
CMY	0.2431, 0.2784, 0.1216
CMYK	0.14, 0.18, 0.00, 0.12
HSL	253°, 39%, 80%
HSV	253°, 18%, 88%
XYZ	52.5874, 51.0003, 77.5934
YIQ	191.2510, -7.4760, 14.3480

Conversions

Conversions Part 2

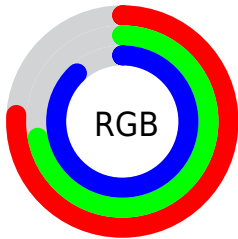
Format	Color
R _Y B	193, 184, 224
Decimal	12695776
CIE Lab	76.68, 10.99, -18.85
CIE LCh	77, 21.822, 300.250
Yxy	51.0003, 0.2902, 0.2815
Android (android.graphics.Color)	4290885856 (0xFFC1B8E0)
YUV	191.2510, 16.1453, 1.5339
Hunter-Lab	71.4145, 6.4665, -14.4297

Details

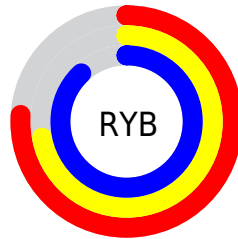
The XYZ color **52.5874, 51.0003, 77.5934** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **63.3335, 71.2204, 55.7587**, and the grayscale version is **49.5806, 52.1626, 56.8051**.

A 20% lighter version of the original color is **88.6344, 89.8642, 107.2817**, and **25.9252, 24.5861, 40.9153** is the 20% darker color. If you saturate the color by 10%, you get **44.1289, 40.2717, 75.9692**, and if you desaturate by 10%, it is **62.3054, 63.4745, 79.4898**.

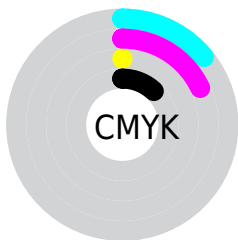
Distribution



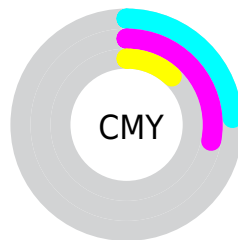
- Red (76%)
- Green (72%)
- Blue (88%)



- Red (76%)
- Yellow (72%)
- Blue (88%)



- Cyan (14%)
- Magenta (18%)
- Yellow (0%)
- Black (12%)



- Cyan (24%)
- Magenta (28%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.5874, 51.0003, 77.5934 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 52.5874, 51.0003, 77.5934 by changing the saturation by 10% instead.

■ 52.5874, 51.0003,
77.5934

■ 52.5874, 51.0003,
77.5934

386.9869,
390.5650, 506.2762

■ 37.6997, 36.2088,
57.2256

■ 93.1661, 91.6552,
131.7574

■ 25.9258, 24.5955,
40.7758

119.5877,
118.2875, 166.3907

■ 16.9005, 15.7760,
27.8256

150.5846,
149.6354, 206.6162

■ 10.2585, 9.3658,
17.9563

186.5223,
186.0835, 252.8525

■ 5.6342, 4.9805,
10.7495

227.7660,
228.0161, 305.5181

■ 2.6625, 2.2358,
5.7866

274.6811,

■ 0.9779, 0.7394,

275.8176, 365.0316

2.6491

327.6330,
329.8725, 431.8114

■ 0.0000, 0.0000,
0.9176

■ 0.0000, 0.0000,
0.0000

■ 52.5874, 51.0003,
77.5934

■ 52.5874, 51.0003,
77.5934

■ 44.1289, 40.2717,
75.9692

■ 62.3054, 63.4745,
79.4898

■ 36.8727, 31.2039,
74.6014

■ 73.3274, 77.7613,
81.6665

■ 30.7640, 23.7145,
73.4777

■ 85.7017, 93.9320,
84.1355

■ 25.7419, 17.7116,
72.5838

■ 90.4547, 98.1619,
84.7015

■ 21.7397, 13.0934,
71.9033

■ 18.6826, 9.7451,
71.4181

■ 16.4849, 7.5328,
71.1069

■ 15.0343, 6.2736,
70.9404

■ 14.7895, 6.0700,
70.9140

Harmonies

Analogous

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



48.5090, 51.0003, 81.5298



52.5874, 51.0003, 77.5934



55.7035, 51.0003, 67.6023

Triad

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



52.5874, 51.0003, 77.5934



52.5240, 51.0003, 38.0277



40.9564, 51.0003, 55.6301

Complementary

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



52.5874, 51.0003, 77.5934



63.3335, 71.2204, 55.7587

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.



41.8992, 51.0003, 44.9891



52.5874, 51.0003, 77.5934



48.4396, 51.0003, 35.7454

Square

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



52.5874, 51.0003, 77.5934



55.6655, 51.0003, 44.8397



44.5814, 51.0003, 38.1049



41.9307, 51.0003, 67.7987

Rectangle

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



52.5874, 51.0003, 77.5934



56.7326, 51.0003, 59.4732



44.5814, 51.0003, 38.1049



41.0589, 51.0003, 51.7663

Sweetspot

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



52.5890, 51.0024, 77.5945



87.5741, 90.3069, 107.4231



57.6088, 64.3445, 79.9053



18.5273, 19.0486, 22.9502



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.



52.5890, 51.0024, 77.5945



66.6266, 63.4240, 103.3382



57.9407, 53.7613, 77.8450



13.2390, 13.3913, 17.2747



8.6905, 3.5754, 41.2804



0.6795, 0.2876, 2.8649

Inverse Universe

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



60.1484, 55.0367, 71.7452



78.4023, 69.7116, 94.0804



57.9010, 68.4198, 55.5044



14.1562, 13.8801, 16.5925



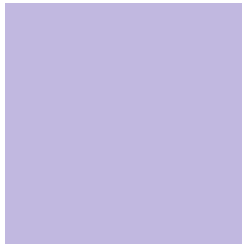
22.3633, 11.0123, 24.3767



1.5829, 0.7764, 1.8624

Previews

White Background



This preview shows how the XYZ color 52.5874, 51.0003, 77.5934 looks on a white background.

Color Contrast Check

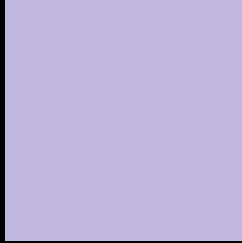
Large Text (above 18pt) WCAG AA × Fail

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 52.5874, 51.0003, 77.5934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

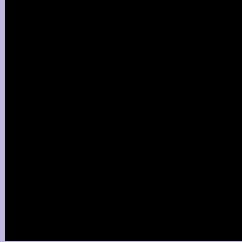
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.5874, 51.0003, 77.5934

Background



This preview shows how black text looks on a background with the XYZ color 52.5874, 51.0003, 77.5934.



This preview shows how white text looks on a background with the XYZ color 52.5874, 51.0003,

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

52.5874, 51.0003, 77.5934

Protanopia

50.7667, 51.2812, 79.1741

Deuteranopia

52.2894, 51.1561, 77.6392



Tritanopia

49.7490, 51.0971, 63.7406

Trichromacy



Original Color

52.5874, 51.0003, 77.5934

Protanomaly

51.3685, 51.2912, 78.4269

Deuteranomaly

52.5417, 51.2862, 77.6510

Tritanomaly

50.7634, 51.1909, 68.8333

Monochromacy



Original Color

52.5874, 51.0003, 77.5934

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

50.5009, 51.4847, 63.7758

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5874, 51.0003, 77.5934 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(193, 184, 224)` looks like.

```
.text, #text, p{  
    color:rgb(193, 184, 224)  
}
```

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(193, 184, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 184, 224) }
```

Border

The CSS property to change the border of an element to XYZ 52.5874, 51.0003, 77.5934 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(193, 184, 224) }
```


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

```
.border{ border-color:rgb(193, 184, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 184, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 184, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 184, 224);  
box-shadow:4px 4px 4px 4px rgb(193, 184,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5874, 51.0003, 77.5934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 184, 224) }
```

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

```
.background{ background-color: rgb(193,  
184, 224) }
```

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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