

Converting Colors

XYZ(54.1074, 52.2581, 76.7271)

Have a look what the booklet for
XYZ(54.1074, 52.2581, 76.7271)
contains.

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Color

**XYZ(53.9569, 52.0314,
77.0113)**

Conversions

Conversions Part 1

Format	Color
Hex	C6B9DF
RGB	198, 185, 223
RGB Percent	78%, 73%, 87%
CMY	0.2235, 0.2745, 0.1255
CMYK	0.11, 0.17, 0.00, 0.13
HSL	261°, 37%, 80%
HSV	261°, 17%, 87%
XYZ	53.9569, 52.0314, 77.0113
YIQ	193.2190, -4.4500, 14.5740

Conversions

Conversions Part 2

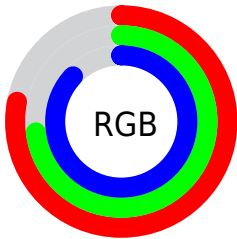
Format	Color
RYB	198, 185, 223
Decimal	13023711
CIELab	77.30, 11.85, -17.33
CIElCh	77, 20.998, 304.363
Yxy	52.0314, 0.2948, 0.2843
Android (android.graphics.Color)	4291213791 (0xFFC6B9DF)
YUV	193.2190, 14.6820, 4.1929
Hunter-Lab	72.1328, 7.2895, -12.8070

Details

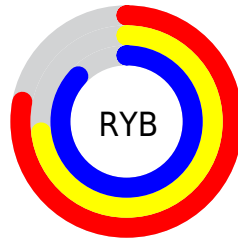
The XYZ color **53.9569, 52.0314, 77.0113** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **61.7249, 69.9812, 56.1559**, and the grayscale version is **50.7369, 53.3791, 58.1299**.

A 20% lighter version of the original color is **90.7453, 91.3906, 107.4651**, and **26.8207, 25.2590, 40.5077** is the 20% darker color. If you saturate the color by 10%, you get **45.9711, 41.5250, 75.4051**, and if you desaturate by 10%, it is **63.0522, 64.1986, 78.8812**.

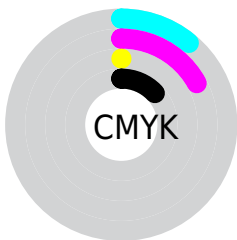
Distribution



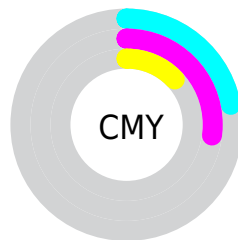
- Red (78%)
- Green (73%)
- Blue (87%)



- Red (78%)
- Yellow (73%)
- Blue (87%)



- Cyan (11%)
- Magenta (17%)
- Yellow (0%)
- Black (13%)



- Cyan (22%)
- Magenta (27%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.9569, 52.0314, 77.0113 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 53.9569, 52.0314, 77.0113 by changing the saturation by 10% instead.

■ 53.9569, 52.0314,
77.0113

■ 53.9569, 52.0314,
77.0113

392.1467,
394.5578, 504.2412

■ 38.7977, 37.0301,
56.7505

■ 95.1682, 93.1775,
130.9286

■ 26.7824, 25.2308,
40.3970

121.9511,
120.0912, 165.4222

■ 17.5456, 16.2491,
27.5320

153.3392,
151.7444, 205.4972

■ 10.7220, 9.7006,
17.7372

189.6980,
188.5216, 251.5720

■ 5.9461, 5.2009,
10.5940

231.3928,
230.8071, 304.0653

■ 2.8527, 2.3656,
5.6838

278.7889,

■ 1.0763, 0.8081,

278.9854, 363.3956

2.5881

332.2518,
333.4408, 429.9814

■ 0.0052, 0.0000,
0.8863

■ 0.0000, 0.0000,
0.0000

■ 53.9569, 52.0314,
77.0113

■ 53.9569, 52.0314,
77.0113

■ 45.9711, 41.5250,
75.4051

■ 63.0522, 64.1986,
78.8812

■ 39.0455, 32.5995,
74.0473

■ 73.2942, 78.0889,
81.0225

■ 33.1338, 25.1778,
72.9263

■ 84.7241, 93.7693,
83.4467

■ 28.1843, 19.1738,
72.0283

■ 90.3194, 98.1078,
83.9892

■ 24.1404, 14.4924,
71.3379

■ 20.9387, 11.0263,
70.8376

■ 18.5067, 8.6506,
70.5072

■ 16.7524, 7.2039,
70.3204

■ 16.3222, 6.8758,
70.2798

Harmonies

Analogous

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



50.0460, 52.0314, 81.7789



53.9569, 52.0314, 77.0113



56.7722, 52.0314, 66.8046

Triad

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



53.9569, 52.0314, 77.0113



52.8822, 52.0314, 38.9133



42.1253, 52.0314, 58.3581

Complementary

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



53.9569, 52.0314, 77.0113



61.7249, 69.9812, 56.1559

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.



42.7939, 52.0314, 47.5864



53.9569, 52.0314, 77.0113



48.8672, 52.0314, 37.2863

Square

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



53.9569, 52.0314, 77.0113



56.1285, 52.0314, 45.0309



45.2094, 52.0314, 40.2421



43.3313, 52.0314, 70.1211

Rectangle

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



53.9569, 52.0314, 77.0113



57.5709, 52.0314, 58.8605



45.2094, 52.0314, 40.2421



42.1388, 52.0314, 54.5021

Sweetspot

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



53.9585, 52.0336, 77.0125



88.0974, 90.5767, 107.4476



56.4577, 61.9017, 78.7855



18.6542, 19.1140, 22.9561



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.



53.9585, 52.0336, 77.0125



69.5974, 65.8478, 103.6495



59.1861, 54.7285, 77.2571



13.3919, 13.4700, 17.2818



9.7062, 4.0991, 41.3280



0.7664, 0.3324, 2.8690

Inverse Universe

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



59.4151, 55.0413, 68.4679



78.2001, 70.5926, 90.0506



56.7162, 67.3991, 55.9215



14.0854, 13.8518, 16.2199



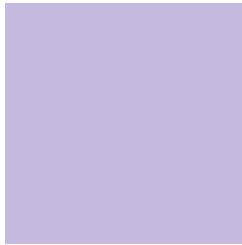
21.0319, 10.4798, 17.3655



1.4993, 0.7430, 1.4222

Previews

White Background



This preview shows how the XYZ color 53.9569, 52.0314, 77.0113 looks on a white background.

Color Contrast Check

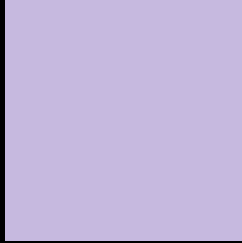
Large Text (above 18pt) WCAG AA × Fail

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 53.9569, 52.0314, 77.0113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

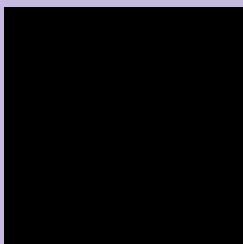
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.9569, 52.0314, 77.0113

Background



This preview shows how black text looks on a background with the XYZ color 53.9569, 52.0314, 77.0113.



This preview shows how white text looks on a background with the XYZ color 53.9569, 52.0314,

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

53.9569, 52.0314, 77.0113

Protanopia

51.6922, 52.0765, 79.2788

Deuteranopia

53.1263, 51.9149, 77.0325



Tritanopia

51.2684, 51.8803, 63.8117

Trichromacy



Original Color

53.9569, 52.0314, 77.0113

Protanomaly

52.5601, 52.2215, 78.5437

Deuteranomaly

53.3839, 52.0476, 77.0446

Tritanomaly

52.1681, 51.9296, 68.2466

Monochromacy



Original Color

53.9569, 52.0314, 77.0113

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.8182, 52.7886, 64.5849

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9569, 52.0314, 77.0113 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, 185, 223)` looks like.

```
.text, #text, p{  
    color:rgb(198, 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(198, 185, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 185, 223) }
```

Border

The CSS property to change the border of an element to XYZ 53.9569, 52.0314, 77.0113 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, 185, 223) }
```


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

```
.border{ border-color:rgb(198, 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(198, 185, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 185, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 185, 223);  
box-shadow:4px 4px 4px 4px rgb(198, 185,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9569, 52.0314, 77.0113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 185, 223) }
```

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

```
.background{ background-color: rgb(198,  
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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