

Converting Colors

XYZ(52.2128, 49.9653,
101.5001)

Have a look what the booklet for
XYZ(52.2128, 49.9653, 101.5001)
contains.

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Color

**XYZ(52.2171, 49.9712,
101.5010)**

Conversions

Conversions Part 1

Format	Color
Hex	<code>ADB7FF</code>
RGB	<code>173, 183, 255</code>
RGB Percent	<code>68%, 72%, 100%</code>
CMY	<code>0.3216, 0.2823, 0.0000</code>
CMYK	<code>0.32, 0.28, 0.00, 0.00</code>
HSL	<code>233°, 100%, 84%</code>
HSV	<code>233°, 32%, 100%</code>
XYZ	<code>52.2171, 49.9712, 101.5010</code>
YIQ	<code>188.2180, -29.0720, 20.2720</code>

Conversions

Conversions Part 2

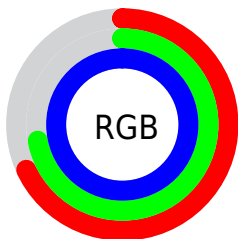
Format	Color
R_{YB}	173, 182, 255
Decimal	11384831
CIE _{Lab}	76.05, 12.73, -36.66
CIE _{LCh}	76, 38.812, 289.151
Yxy	49.9712, 0.2564, 0.2453
Android (android.graphics.Color)	4289574911 (0xFFADB7FF)
YUV	188.2180, 32.9235, -13.3462
Hunter-Lab	70.6903, 8.1453, -35.6486

Details

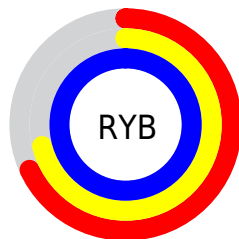
The XYZ color **52.2171, 49.9712, 101.5010** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.4358, 89.5824, 52.5362**, and the grayscale version is **47.7558, 50.2428, 54.7144**.

A 20% lighter version of the original color is **81.5496, 85.7760, 106.8660**, and **25.6469, 23.8940, 56.6864** is the 20% darker color. If you saturate the color by 10%, you get **42.8506, 38.8245, 99.8431**, and if you desaturate by 10%, it is **63.3974, 63.1456, 103.4547**.

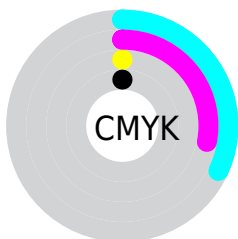
Distribution



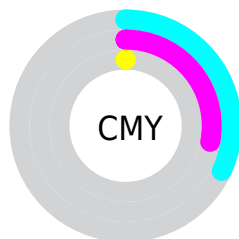
- Red (68%)
- Green (72%)
- Blue (100%)



- Red (68%)
- Yellow (71%)
- Blue (100%)



- Cyan (32%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)



- Cyan (32%)
- Magenta (28%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.2171, 49.9712, 101.5010 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 52.2171, 49.9712, 101.5010 by changing the saturation by 10% instead.

■ 52.2171, 49.9712,
101.5010

■ 52.2171, 49.9712,
101.5010

385.5844,
386.5533, 586.2821

■ 37.4031, 35.3905,
76.9308

■ 92.6237, 90.1322,
165.2882

■ 25.6949, 23.9638,
56.6849

118.9470,
116.4813, 205.3423

■ 16.7270, 15.3068,
40.3446

149.8374,
147.5220, 251.3948

■ 10.1341, 9.0350,
27.4915

185.6604,
183.6387, 303.8642

■ 5.5509, 4.7640,
17.7070

226.7812,
225.2158, 363.1692

■ 2.6120, 2.1095,
10.5726

273.5652,

■ 0.9521, 0.6699,

272.6377, 429.7281

5.6697

326.3778,
326.2887, 503.9595

■ 0.0000, 0.0000,
2.5798

■ 0.0000, 0.0000,
0.8820

■ 52.2171, 49.9712,
101.5010

■ 52.2171, 49.9712,
101.5010

■ 42.8506, 38.8245,
99.8431

■ 63.3974, 63.1456,
103.4547

■ 35.1971, 29.5989,
98.4658

■ 76.4757, 78.4359,
105.7167

■ 29.1532, 22.1865,
97.3536

■ 91.5365, 95.9320,
108.3000

■ 24.6021, 16.4663,
96.4894

95.0500, 100.0000,
108.9000

■ 21.4111, 12.3025,
95.8539

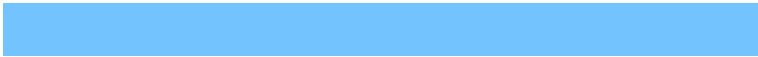
■ 19.4228, 9.5372,
95.4249

■ 18.5425, 8.2051,
95.2142

Harmonies

Analogous

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



44.9208, 49.9712, 103.7847



52.2171, 49.9712, 101.5010



58.8390, 49.9712, 84.9178

Triad

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



52.2171, 49.9712, 101.5010



57.2083, 49.9712, 29.4559



35.0800, 49.9712, 47.2375

Complementary

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



52.2171, 49.9712, 101.5010



81.4358, 89.5824, 52.5362

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.



37.7136, 49.9712, 32.2548



52.2171, 49.9712, 101.5010



50.1681, 49.9712, 23.8678

Square

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



52.2171, 49.9712, 101.5010



61.9171, 49.9712, 42.3369



43.0686, 49.9712, 24.7419



35.5085, 49.9712, 68.5847

Rectangle

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



52.2171, 49.9712, 101.5010



61.7488, 49.9712, 69.8893



43.0686, 49.9712, 24.7419



35.6250, 49.9712, 41.4040

Sweetspot

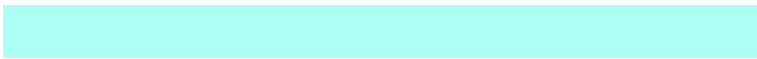
The Sweet Spot groups the original color and five complimentary colors.



52.2186, 49.9731, 101.5013



79.5514, 82.0175, 106.2459



69.3338, 86.9404, 98.7684



16.5958, 17.0527, 22.6668



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.



52.2186, 49.9731, 101.5013



45.6166, 42.1296, 100.3353



57.6418, 49.8149, 101.1849



17.1814, 17.7345, 22.7675



9.7444, 4.3983, 49.7700



1.0027, 0.5361, 4.8639

Inverse Universe

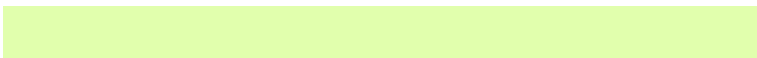
The Inverse Universe completely reimagines the original color for something new.



64.7319, 54.5677, 51.9225



60.0910, 47.7013, 42.9289



74.3342, 90.5344, 53.0942



18.0995, 18.0231, 19.1410



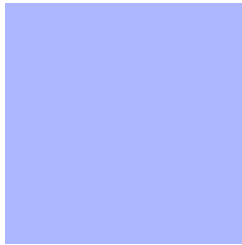
21.7067, 11.1720, 1.8400



2.1407, 1.0987, 0.3225

Previews

White Background



This preview shows how the XYZ color 52.2171, 49.9712, 101.5010 looks on a white background.

Color Contrast Check

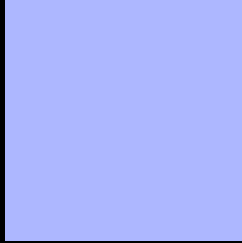
Large Text (above 18pt) WCAG AA × Fail

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 52.2171, 49.9712, 101.5010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

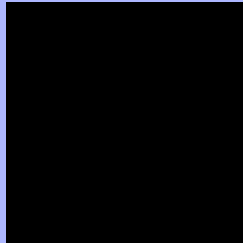
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.2171, 49.9712, 101.5010

Background



This preview shows how black text looks on a background with the XYZ color 52.2171, 49.9712, 101.5010.



This preview shows how white text looks on a background with the XYZ color 52.2171, 49.9712,

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

52.2171, 49.9712, 101.5010

Protanopia

51.3353, 50.1334, 101.5788

Deuteranopia

51.3353, 50.1334, 101.5788



Tritanopia

45.2164, 49.9908, 66.2975

Trichromacy



Original Color

52.2171, 49.9712, 101.5010

Protanomaly

51.5527, 49.9360, 101.5292

Deuteranomaly

51.5527, 49.9360, 101.5292

Tritanomaly

47.5885, 49.9925, 77.6623

Monochromacy



Original Color

52.2171, 49.9712, 101.5010

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.9710, 49.9386, 69.3454

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2171, 49.9712, 101.5010 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(173, 183, 255)` looks like.

```
.text, #text, p{  
    color:rgb(173, 183, 255)  
}
```

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(173, 183, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 183, 255) }
```

Border

The CSS property to change the border of an element to XYZ 52.2171, 49.9712, 101.5010 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(173, 183, 255) }
```


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

```
.border{ border-color:rgb(173, 183, 255) }
```

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

Here you see how a box with a 4 pixel rgb(173, 183, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 183, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 183, 255);  
box-shadow:4px 4px 4px 4px rgb(173, 183,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2171, 49.9712, 101.5010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 183, 255) }
```

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

```
.background{ background-color: rgb(173,  
183, 255) }
```

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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