

Converting Colors

XYZ(52.2831, 50.2196,
101.5455)

Have a look what the booklet for
XYZ(52.2831, 50.2196, 101.5455)
contains.

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Color

**XYZ(52.4241, 50.3852,
101.5700)**

Conversions

Conversions Part 1

Format	Color
Hex	ADB8FF
RGB	173, 184, 255
RGB Percent	68%, 72%, 100%
CMY	0.3216, 0.2784, 0.0000
CMYK	0.32, 0.28, 0.00, 0.00
HSL	232°, 100%, 84%
HSV	232°, 32%, 100%
XYZ	52.4241, 50.3852, 101.5700
YIQ	188.8050, -29.3470, 19.7490

Conversions

Conversions Part 2

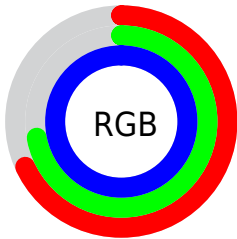
Format	Color
R _Y B	173, 183, 255
Decimal	11385087
CIE Lab	76.31, 12.18, -36.27
CIE LCh	76, 38.262, 288.563
Yxy	50.3852, 0.2565, 0.2465
Android (android.graphics.Color)	4289575167 (0xFFADB8FF)
YUV	188.8050, 32.6341, -13.8610
Hunter-Lab	70.9825, 7.6116, -35.1512

Details

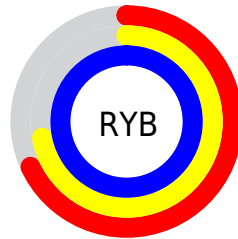
The XYZ color **52.4241, 50.3852, 101.5700** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.1340, 88.9789, 52.4356**, and the grayscale version is **48.0913, 50.5958, 55.0988**.

A 20% lighter version of the original color is **81.8432, 86.3632, 106.9639**, and **25.7806, 24.1614, 56.7309** is the 20% darker color. If you saturate the color by 10%, you get **43.0802, 39.2837, 99.9197**, and if you desaturate by 10%, it is **63.5630, 63.4768, 103.5099**.

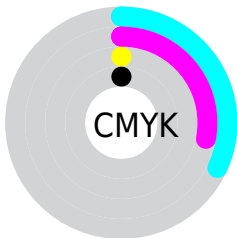
Distribution



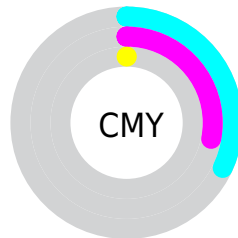
- Red (68%)
- Green (72%)
- Blue (100%)



- Red (68%)
- Yellow (72%)
- 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 52.4241, 50.3852, 101.5700 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 52.4241, 50.3852, 101.5700 by changing the saturation by 10% instead.

■ 52.4241, 50.3852,
101.5700

■ 52.4241, 50.3852,
101.5700

386.3688,
388.1704, 586.5042

■ 37.5689, 35.7196,
76.9882

■ 92.9269, 90.7453,
165.3837

■ 25.8239, 24.2177,
56.7317

119.3052,
117.2086, 205.4527

■ 16.8240, 15.4952,
40.3819

150.2553,
148.3733, 251.5211

■ 10.2036, 9.1676,
27.5204

186.1424,
184.6237, 304.0076

■ 5.5974, 4.8507,
17.7286

227.3319,
226.3442, 363.3306

■ 2.6402, 2.1599,
10.5879

274.1893,

■ 0.9665, 0.6980,

273.9192, 429.9086

5.6798

327.0798,
327.7331, 504.1603

■ 0.0000, 0.0000,
2.5857

■ 0.0000, 0.0000,
0.8851

■ 52.4241, 50.3852,
101.5700

■ 52.4241, 50.3852,
101.5700

■ 43.0802, 39.2837,
99.9197

■ 63.5630, 63.4768,
103.5099

■ 35.4320, 30.0687,
98.5441

■ 76.5797, 78.6439,
105.7513

■ 29.3779, 22.6360,
97.4285

■ 91.5574, 95.9737,
108.3069

■ 24.8031, 16.8684,
96.5564

95.0500, 100.0000,
108.9000

■ 21.5771, 12.6346,
95.9092

■ 19.5456, 9.7828,
95.4658

■ 18.6280, 8.3759,
95.2427

Harmonies

Analogous

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



45.2019, 50.3852, 103.5014



52.4241, 50.3852, 101.5700



59.0123, 50.3852, 85.4351

Triad

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



52.4241, 50.3852, 101.5700



57.6275, 50.3852, 30.2220



35.5839, 50.3852, 47.3829

Complementary

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



52.4241, 50.3852, 101.5700



81.1340, 88.9789, 52.4356

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.



38.2605, 50.3852, 32.6198



52.4241, 50.3852, 101.5700



50.6818, 50.3852, 24.4988

Square

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



52.4241, 50.3852, 101.5700



62.2175, 50.3852, 43.2036



43.6245, 50.3852, 25.2501



35.9498, 50.3852, 68.4465

Rectangle

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



52.4241, 50.3852, 101.5700



61.9358, 50.3852, 70.6304



43.6245, 50.3852, 25.2501



36.1459, 50.3852, 41.6329

Sweetspot

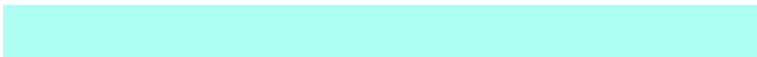
The Sweet Spot groups the original color and five complimentary colors.



52.4256, 50.3871, 101.5703



79.6394, 82.1933, 106.2752



69.1269, 86.8577, 97.6790



16.6168, 17.0949, 22.6738



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.



52.4256, 50.3871, 101.5703



45.8410, 42.5785, 100.4101



57.2710, 49.6237, 101.1676



17.1994, 17.7705, 22.7735



9.7933, 4.4962, 49.7863



1.0111, 0.5530, 4.8667

Inverse Universe

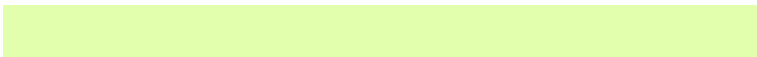
The Inverse Universe completely reimagines the original color for something new.



64.8364, 54.6095, 52.4727



60.2043, 47.7467, 43.5253



74.7618, 90.7548, 53.1142



18.1086, 18.0267, 19.1888



21.7314, 11.1819, 1.9702



2.1450, 1.1004, 0.3449

Previews

White Background



This preview shows how the XYZ color 52.4241, 50.3852, 101.5700 looks on a white background.

Color Contrast Check

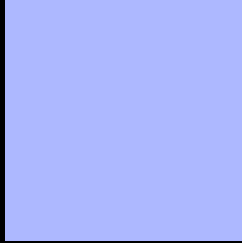
Large Text (above 18pt) WCAG AA × Fail

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 52.4241, 50.3852, 101.5700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

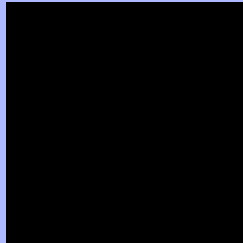
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.4241, 50.3852, 101.5700

Background



This preview shows how black text looks on a background with the XYZ color 52.4241, 50.3852, 101.5700.



This preview shows how white text looks on a background with the XYZ color 52.4241, 50.3852,

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

52.4241, 50.3852, 101.5700

Protanopia

51.7574, 50.6626, 101.6587

Deuteranopia

51.7611, 50.3529, 101.5987



Tritanopia

45.5594, 50.4805, 67.0170

Trichromacy



Original Color

52.4241, 50.3852, 101.5700

Protanomaly

51.9765, 50.4640, 101.6088

Deuteranomaly

51.9765, 50.4640, 101.6088

Tritanomaly

47.9404, 50.4786, 78.4508

Monochromacy



Original Color

52.4241, 50.3852, 101.5700

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

49.3090, 50.4120, 70.0824

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4241, 50.3852, 101.5700 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, 184, 255)` looks like.

```
.text, #text, p{  
    color:rgb(173, 184, 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, 184, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 184, 255) }
```

Border

The CSS property to change the border of an element to XYZ 52.4241, 50.3852, 101.5700 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, 184, 255) }
```


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

```
.border{ border-color:rgb(173, 184, 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, 184, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 184, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 184, 255);  
box-shadow:4px 4px 4px 4px rgb(173, 184,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4241, 50.3852, 101.5700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 184, 255) }
```

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

```
.background{ background-color: rgb(173,  
184, 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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