

Converting Colors

XYZ(60.0947, 52.6755,
144.4295)

Have a look what the booklet for
XYZ(60.0947, 52.6755, 144.4295)
contains.

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Color

**XYZ(52.0115, 49.5601,
101.4325)**

Conversions

Conversions Part 1

Format	Color
Hex	ADB6FF
RGB	173, 182, 255
RGB Percent	68%, 71%, 100%
CMY	0.3216, 0.2863, 0.0000
CMYK	0.32, 0.29, 0.00, 0.00
HSL	233°, 100%, 84%
HSV	233°, 32%, 100%
XYZ	52.0115, 49.5601, 101.4325
YIQ	187.6310, -28.7970, 20.7950

Conversions

Conversions Part 2

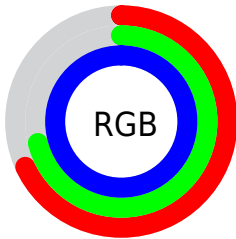
Format	Color
RYB	173, 181, 255
Decimal	11384575
CIELab	75.80, 13.29, -37.06
CIELCh	76, 39.367, 289.724
Yxy	49.5601, 0.2562, 0.2441
Android (android.graphics.Color)	4289574655 (0xFFADB6FF)
YUV	187.6310, 33.2129, -12.8314
Hunter-Lab	70.3989, 8.6796, -36.1472

Details

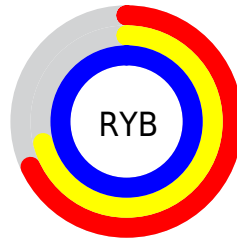
The XYZ color **52.0115, 49.5601, 101.4325** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.7390, 90.1889, 52.6371**, and the grayscale version is **47.4215, 49.8912, 54.3315**.

A 20% lighter version of the original color is **81.2577, 85.1921, 106.7687**, and **25.5145, 23.6293, 56.6422** is the 20% darker color. If you saturate the color by 10%, you get **42.6233, 38.3701, 99.7674**, and if you desaturate by 10%, it is **63.2324, 62.8158, 103.3997**.

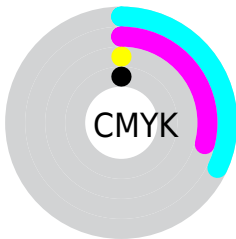
Distribution



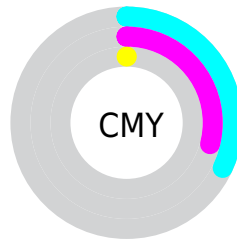
- Red (68%)
- Green (71%)
- Blue (100%)



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



- Cyan (32%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)



- Cyan (32%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.0115, 49.5601, 101.4325 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 52.0115, 49.5601, 101.4325 by changing the saturation by 10% instead.

■ 52.0115, 49.5601,
101.4325

■ 52.0115, 49.5601,
101.4325

384.8042,
384.9432, 586.0616

■ 37.2385, 35.0640,
76.8739

■ 92.3223, 89.5228,
165.1934

■ 25.5668, 23.7122,
56.6384

118.5909,
115.7581, 205.2327

■ 16.6308, 15.1202,
40.3076

149.4221,
146.6753, 251.2694

■ 10.0653, 8.9038,
27.4628

185.1812,
182.6588, 303.7219

■ 5.5049, 4.6785,
17.6856

226.2336,
224.0929, 363.0089

■ 2.5842, 2.0599,
10.5574

272.9447,

■ 0.9379, 0.6419,

271.3621, 429.5488

5.6597

325.6798,
324.8507, 503.7602

■ 0.0000, 0.0000,
2.5738

■ 0.0000, 0.0000,
0.8789

■ 52.0115, 49.5601,
101.4325

■ 52.0115, 49.5601,
101.4325

■ 42.6233, 38.3701,
99.7674

■ 63.2324, 62.8158,
103.3997

■ 34.9656, 29.1360,
98.3887

■ 76.3718, 78.2283,
105.6821

■ 28.9331, 21.7463,
97.2803

■ 91.5155, 95.8901,
108.2930

■ 24.4069, 16.0759,
96.4243

■ 95.0500, 100.0000,
108.9000

■ 21.2518, 11.9841,
95.8008

■ 19.3076, 9.3069,
95.3865

■ 18.4650, 8.0500,
95.1883

Harmonies

Analogous

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



44.6416, 49.5601, 104.0696



52.0115, 49.5601, 101.4325



58.6668, 49.5601, 84.4027

Triad

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



52.0115, 49.5601, 101.4325



56.7915, 49.5601, 28.7031



34.5814, 49.5601, 47.0937

Complementary

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



52.0115, 49.5601, 101.4325



81.7390, 90.1889, 52.6371

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.



37.1724, 49.5601, 31.8933



52.0115, 49.5601, 101.4325



49.6582, 49.5601, 23.2482

Square

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



52.0115, 49.5601, 101.4325



61.6182, 49.5601, 41.4820



42.5179, 49.5601, 24.2412



35.0715, 49.5601, 68.7245

Rectangle

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



52.0115, 49.5601, 101.4325



61.5628, 49.5601, 69.1534



42.5179, 49.5601, 24.2412



35.1095, 49.5601, 41.1771

Sweetspot

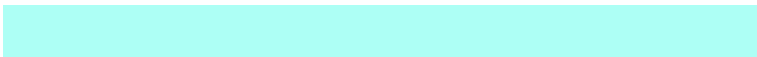
The Sweet Spot groups the original color and five complimentary colors.



52.0130, 49.5619, 101.4328



79.4637, 81.8420, 106.2166



69.5421, 87.0237, 99.8658



16.5747, 17.0107, 22.6598



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.



52.0130, 49.5619, 101.4328



45.3944, 41.6851, 100.2612



58.0157, 50.0075, 101.2024



17.1635, 17.6985, 22.7615



9.6995, 4.3086, 49.7550



0.9943, 0.5192, 4.8611

Inverse Universe

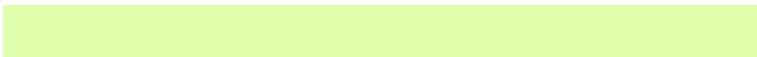
The Inverse Universe completely reimagines the original color for something new.



64.6281, 54.5261, 51.3761



59.9788, 47.6565, 42.3381



73.9099, 90.3156, 53.0742



18.0904, 18.0195, 19.0932



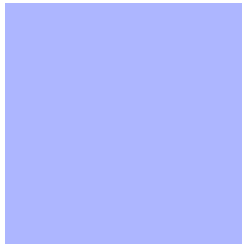
21.6841, 11.1629, 1.7208



2.1365, 1.0970, 0.3001

Previews

White Background



This preview shows how the XYZ color 52.0115, 49.5601, 101.4325 looks on a white background.

Color Contrast Check

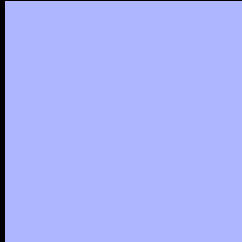
Large Text (above 18pt) WCAG AA × Fail

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 52.0115, 49.5601, 101.4325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

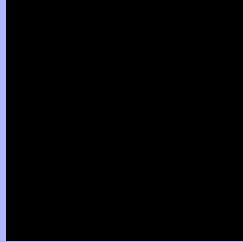
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.0115, 49.5601, 101.4325

Background



This preview shows how black text looks on a background with the XYZ color 52.0115, 49.5601, 101.4325.



This preview shows how white text looks on a background with the XYZ color 52.0115, 49.5601,

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

52.0115, 49.5601, 101.4325

Protanopia

50.9164, 49.6080, 101.4995

Deuteranopia

50.9164, 49.6080, 101.4995



Tritanopia

44.6717, 49.3992, 65.5731

Trichromacy



Original Color

52.0115, 49.5601, 101.4325

Protanomaly

51.3457, 49.5220, 101.4602

Deuteranomaly

51.3457, 49.5220, 101.4602

Tritanomaly

47.1637, 49.4552, 77.5810

Monochromacy



Original Color

52.0115, 49.5601, 101.4325

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 52.0115, 49.5601, 101.4325 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, 182, 255)` looks like.

```
.text, #text, p{  
    color:rgb(173, 182, 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, 182, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 182, 255) }
```

Border

The CSS property to change the border of an element to XYZ 52.0115, 49.5601, 101.4325 is called "border". The border property can be set on classes, ids or directly on the HTML element.

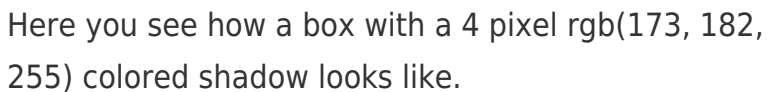
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(173, 182, 255) }
```


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

```
.border{ border-color:rgb(173, 182, 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, 182, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 182, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 182, 255); box-shadow:4px 4px 4px 4px rgb(173, 182, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0115, 49.5601, 101.4325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 182, 255) }
```

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

```
.background{ background-color: rgb(173,  
182, 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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