

Converting Colors

XYZ(51.5102, 45.5339,
100.6818)

Have a look what the booklet for
XYZ(51.5102, 45.5339, 100.6818)
contains.

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Color

**XYZ(51.5294, 45.5410,
100.6821)**

Conversions

Conversions Part 1

Format	Color
Hex	B6A9FF
RGB	182, 169, 255
RGB Percent	71%, 66%, 100%
CMY	0.2863, 0.3372, 0.0000
CMYK	0.29, 0.34, 0.00, 0.00
HSL	249°, 100%, 83%
HSV	249°, 34%, 100%
XYZ	51.5294, 45.5410, 100.6821
YIQ	182.6910, -19.8580, 29.5020

Conversions

Conversions Part 2

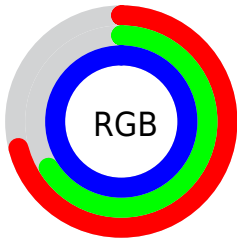
Format	Color
R _Y B	182, 169, 255
Decimal	11971071
CIE Lab	73.25, 23.02, -40.97
CIE LCh	73, 46.996, 299.326
Yxy	45.5410, 0.2606, 0.2303
Android (android.graphics.Color)	4290161151 (0xFFB6A9FF)
YUV	182.6910, 35.6483, -0.6060
Hunter-Lab	67.4841, 18.2017, -41.2182

Details

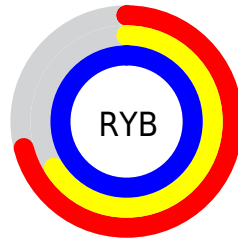
The XYZ color **51.5294, 45.5410, 100.6821** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **79.5396, 93.2619, 51.3469**, and the grayscale version is **44.6608, 46.9866, 51.1684**.

A 20% lighter version of the original color is **80.3023, 78.8820, 105.6011**, and **25.3067, 21.3118, 56.2059** is the 20% darker color. If you saturate the color by 10%, you get **42.5172, 34.5270, 99.0312**, and if you desaturate by 10%, it is **62.2597, 58.8158, 102.6789**.

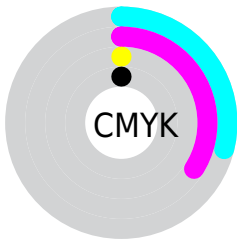
Distribution



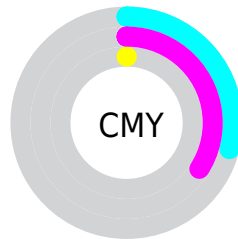
- Red (71%)
- Green (66%)
- Blue (100%)



- Red (71%)
- Yellow (66%)
- Blue (100%)



- Cyan (29%)
- Magenta (34%)
- Yellow (0%)
- Black (0%)



- Cyan (29%)
- Magenta (34%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.5294, 45.5410, 100.6821 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 51.5294, 45.5410, 100.6821 by changing the saturation by 10% instead.

51.5294, 45.5410,
100.6821

51.5294, 45.5410,
100.6821

382.9710,
368.9602, 583.6427

36.8529, 31.8838,
76.2503

91.6152, 83.5316,
164.1543

25.2667, 21.2727,
56.1299

117.7551,
108.6338, 204.0317

16.4057, 13.3235,
39.9024

148.4469,
138.3198, 249.8947

9.9043, 7.6517,
27.1492

184.0559,
172.9740, 302.1618

5.3974, 3.8729,
17.4519

224.9475,
212.9807, 361.2517

2.5194, 1.6027,
10.3918

271.4869,

0.9050, 0.3594,

258.7244, 427.5827

5.5505

324.0396,
310.5894, 501.5736

■ 0.0000, 0.0000,
2.5094

■ 0.0000, 0.0000,
0.8451

■ 51.5294, 45.5410,
100.6821

■ 51.5294, 45.5410,
100.6821

■ 42.5172, 34.5270,
99.0312

■ 62.2597, 58.8158,
102.6789

■ 35.1285, 25.6420,
97.7057

■ 74.7871, 74.4630,
105.0388

■ 29.2662, 18.7484,
96.6841

■ 89.1912, 92.5929,
107.7791

■ 24.8207, 13.6903,
95.9420

95.0500, 100.0000,
108.9000

■ 21.6674, 10.2880,
95.4515

■ 19.6584, 8.3243,
95.1784

■ 18.8697, 7.6426,
95.0884

Harmonies

Analogous

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



43.0989, 45.5410, 110.3042



51.5294, 45.5410, 100.6821



58.4138, 45.5410, 76.5640

Triad

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



51.5294, 45.5410, 100.6821



51.8935, 45.5410, 19.8756



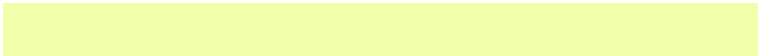
29.2811, 45.5410, 49.0536

Complementary

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



51.5294, 45.5410, 100.6821



79.5396, 93.2619, 51.3469

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.



31.0243, 45.5410, 29.8318



51.5294, 45.5410, 100.6821



43.4723, 45.5410, 16.6176

Square

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



51.5294, 45.5410, 100.6821



58.6421, 45.5410, 30.4968



35.9711, 45.5410, 19.5863



30.8750, 45.5410, 75.3333

Rectangle

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



51.5294, 45.5410, 100.6821



60.8216, 45.5410, 58.4871



35.9711, 45.5410, 19.5863



29.4923, 45.5410, 41.6379

Sweetspot

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



51.5309, 45.5427, 100.6824



79.9281, 80.9192, 106.0140



66.1950, 79.2195, 106.4098



16.6860, 16.7898, 22.6113



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.



51.5309, 45.5427, 100.6824



45.6791, 38.3734, 99.6070



63.2591, 51.5889, 101.2313



17.2586, 17.5095, 22.7200



9.9357, 4.0325, 49.6893



1.0389, 0.4295, 4.8414

Inverse Universe

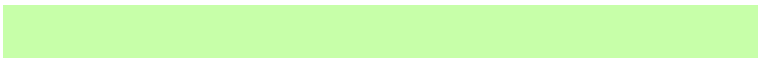
The Inverse Universe completely reimagines the original color for something new.



71.4556, 56.0480, 91.0564



68.2971, 50.3088, 88.2226



66.5021, 86.5408, 50.7368



18.6677, 18.2504, 22.1331



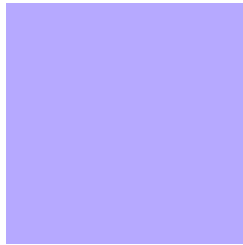
28.1005, 13.7295, 35.5094



2.7666, 1.3490, 3.6185

Previews

White Background



This preview shows how the XYZ color 51.5294, 45.5410, 100.6821 looks on a white background.

Color Contrast Check

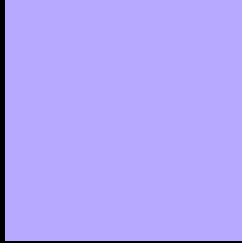
Large Text (above 18pt) WCAG AA × Fail

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 51.5294, 45.5410, 100.6821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

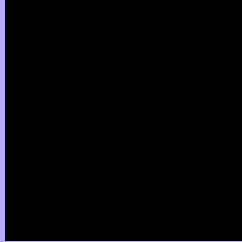
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.5294, 45.5410, 100.6821

Background



This preview shows how black text looks on a background with the XYZ color 51.5294, 45.5410, 100.6821.



This preview shows how white text looks on a background with the XYZ color 51.5294, 45.5410,

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

51.5294, 45.5410, 100.6821

Protanopia

47.2897, 45.6328, 100.9233

Deuteranopia

46.9764, 45.8027, 99.2934



Tritanopia

42.9518, 45.5339, 58.1549

Trichromacy



Original Color

51.5294, 45.5410, 100.6821

Protanomaly

48.7031, 45.4914, 100.8215

Deuteranomaly

48.5292, 45.7082, 100.0307

Tritanomaly

45.7021, 45.4527, 72.0101

Monochromacy



Original Color

51.5294, 45.5410, 100.6821

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

46.9575, 46.5115, 66.8243

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5294, 45.5410, 100.6821 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(182, 169, 255)` looks like.

```
.text, #text, p{  
    color:rgb(182, 169, 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(182, 169, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 169, 255) }
```

Border

The CSS property to change the border of an element to XYZ 51.5294, 45.5410, 100.6821 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(182, 169, 255) }
```


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

```
.border{ border-color:rgb(182, 169, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 169, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 169, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 169, 255);  
box-shadow:4px 4px 4px 4px rgb(182, 169,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5294, 45.5410, 100.6821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 169, 255) }
```

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

```
.background{ background-color: rgb(182,  
169, 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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