

Converting Colors

XYZ(52.8292, 51.1957,
101.7051)

Have a look what the booklet for
XYZ(52.8292, 51.1957, 101.7051)
contains.

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Color

**XYZ(52.8425, 51.2220,
101.7095)**

Conversions

Conversions Part 1

Format	Color
Hex	ADBAFF
RGB	173, 186, 255
RGB Percent	68%, 73%, 100%
CMY	0.3216, 0.2706, 0.0000
CMYK	0.32, 0.27, 0.00, 0.00
HSL	230°, 100%, 84%
HSV	230°, 32%, 100%
XYZ	52.8425, 51.2220, 101.7095
YIQ	189.9790, -29.8970, 18.7030

Conversions

Conversions Part 2

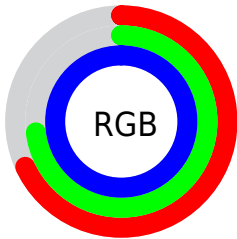
Format	Color
RYB	173, 184, 255
Decimal	11385599
CIELab	76.81, 11.08, -35.48
CIELCh	77, 37.174, 287.338
Yxy	51.2220, 0.2568, 0.2489
Android (android.graphics.Color)	4289575679 (0xFFADBAFF)
YUV	189.9790, 32.0554, -14.8906
Hunter-Lab	71.5695, 6.5466, -34.1600

Details

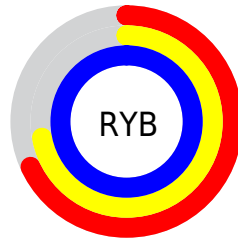
The XYZ color **52.8425, 51.2220, 101.7095** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **80.5355, 87.7818, 52.2361**, and the grayscale version is **48.7665, 51.3061, 55.8723**.

A 20% lighter version of the original color is **82.4353, 87.5473, 107.1612**, and **26.0518, 24.7038, 56.8213** is the 20% darker color. If you saturate the color by 10%, you get **43.5466, 40.2165, 100.0752**, and if you desaturate by 10%, it is **63.8964, 64.1436, 103.6210**.

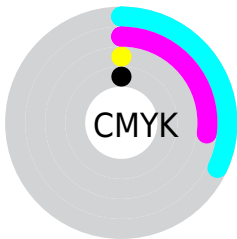
Distribution



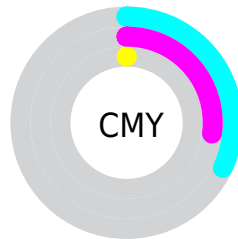
- Red (68%)
- Green (73%)
- Blue (100%)



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



- Cyan (32%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (32%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.8425, 51.2220, 101.7095 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 52.8425, 51.2220, 101.7095 by changing the saturation by 10% instead.

■ 52.8425, 51.2220,
101.7095

■ 52.8425, 51.2220,
101.7095

387.9513,
391.4257, 586.9531

■ 37.9040, 36.3853,
77.1042

■ 93.5395, 91.9828,
165.5768

■ 26.0851, 24.7319,
56.8263

120.0287,
118.6758, 205.6758

■ 17.0203, 15.8774,
40.4574

151.0988,
150.0896, 251.7764

■ 10.3444, 9.4375,
27.5788

187.1153,
186.6087, 304.2972

■ 5.6919, 5.0276,
17.7721

228.4434,
228.6175, 363.6568

■ 2.6975, 2.2635,
10.6188

275.4485,

■ 0.9959, 0.7543,

276.5003, 430.2736

5.7002

328.4961,
330.6416, 504.5662

■ 0.0000, 0.0000,
2.5978

■ 0.0000, 0.0000,
0.8913

■ 52.8425, 51.2220,
101.7095

■ 52.8425, 51.2220,
101.7095

■ 43.5466, 40.2165,
100.0752

■ 63.8964, 64.1436,
103.6210

■ 35.9124, 31.0295,
98.7042

■ 76.7883, 79.0611,
105.8209

■ 29.8414, 23.5630,
97.5830

■ 91.5991, 96.0571,
108.3208

■ 25.2227, 17.7075,
96.6963

95.0500, 100.0000,
108.9000

■ 21.9301, 13.3406,
96.0269

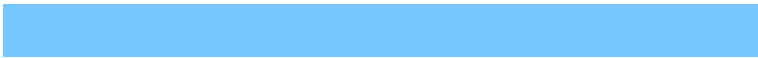
■ 19.8146, 10.3208,
95.5555

■ 18.8233, 8.7665,
95.3078

Harmonies

Analogous

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



45.7703, 51.2220, 102.9397



52.8425, 51.2220, 101.7095



59.3626, 51.2220, 86.4759

Triad

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



52.8425, 51.2220, 101.7095



58.4733, 51.2220, 31.7944



36.6076, 51.2220, 47.6788

Complementary

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



52.8425, 51.2220, 101.7095



80.5355, 87.7818, 52.2361

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.



39.3713, 51.2220, 33.3613



52.8425, 51.2220, 101.7095



51.7208, 51.2220, 25.7952

Square

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



52.8425, 51.2220, 101.7095



62.8230, 51.2220, 44.9723



44.7514, 51.2220, 26.2892



36.8451, 51.2220, 68.1756

Rectangle

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



52.8425, 51.2220, 101.7095



62.3134, 51.2220, 72.1279



44.7514, 51.2220, 26.2892



37.2043, 51.2220, 42.0969

Sweetspot

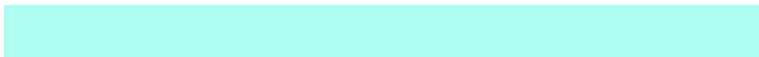
The Sweet Spot groups the original color and five complimentary colors.



52.8441, 51.2239, 101.7098



79.8157, 82.5460, 106.3340



68.9216, 86.7755, 96.5977



16.6591, 17.1795, 22.6879



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.



52.8441, 51.2239, 101.7098



46.2962, 43.4887, 100.5618



56.9036, 49.4343, 101.1504



17.2355, 17.8427, 22.7855



9.9039, 4.7175, 49.8231



1.0280, 0.5867, 4.8723

Inverse Universe

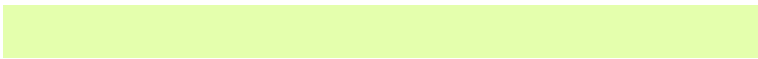
The Inverse Universe completely reimagines the original color for something new.



65.0476, 54.6939, 53.5849



60.4340, 47.8385, 44.7350



75.1929, 90.9770, 53.1344



18.1268, 18.0340, 19.2848



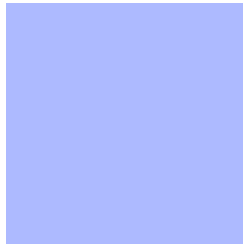
21.7872, 11.2042, 2.2642



2.1535, 1.1038, 0.3898

Previews

White Background



This preview shows how the XYZ color 52.8425, 51.2220, 101.7095 looks on a white background.

Color Contrast Check

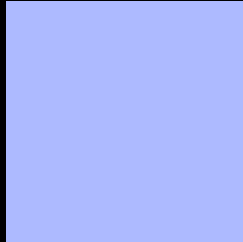
Large Text (above 18pt) WCAG AA × Fail

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 52.8425, 51.2220, 101.7095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

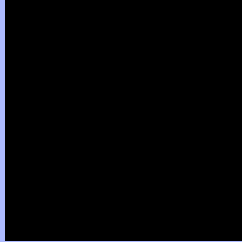
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.8425, 51.2220, 101.7095

Background



This preview shows how black text looks on a background with the XYZ color 52.8425, 51.2220, 101.7095.



This preview shows how white text looks on a background with the XYZ color 52.8425, 51.2220,

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

52.8425, 51.2220, 101.7095

Protanopia

52.3979, 51.3067, 101.7493

Deuteranopia

52.6149, 51.4186, 101.7594



Tritanopia

46.0289, 51.0232, 68.3953

Trichromacy



Original Color

52.8425, 51.2220, 101.7095

Protanomaly

52.6149, 51.4186, 101.7594

Deuteranomaly

52.8336, 51.5313, 101.7696

Tritanomaly

48.2946, 50.9681, 79.2439

Monochromacy



Original Color

52.8425, 51.2220, 101.7095

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

50.1024, 51.4406, 70.9067

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8425, 51.2220, 101.7095 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, 186, 255)` looks like.

```
.text, #text, p{  
    color:rgb(173, 186, 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, 186, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 186, 255) }
```

Border

The CSS property to change the border of an element to XYZ 52.8425, 51.2220, 101.7095 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, 186, 255) }
```


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

```
.border{ border-color:rgb(173, 186, 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, 186, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 186, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 186, 255);  
box-shadow:4px 4px 4px 4px rgb(173, 186,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8425, 51.2220, 101.7095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 186, 255) }
```

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

```
.background{ background-color: rgb(173,  
186, 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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