

Converting Colors

XYZ(52.1259, 51.8520, 85.1030)

Have a look what the booklet for
XYZ(52.1259, 51.8520, 85.1030)
contains.

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Color

**XYZ(52.1259, 51.8520,
85.1030)**

Conversions

Conversions Part 1

Format	Color
Hex	B6BCEA
RGB	182, 188, 234
RGB Percent	71%, 74%, 92%
CMY	0.2863, 0.2627, 0.0823
CMYK	0.22, 0.20, 0.00, 0.08
HSL	233°, 55%, 82%
HSV	233°, 22%, 92%
XYZ	52.1259, 51.8520, 85.1030
YIQ	191.4500, -18.3420, 13.0340

Conversions

Conversions Part 2

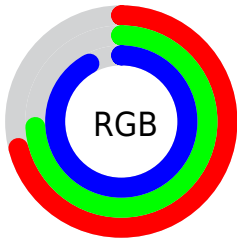
Format	Color
R _Y B	182, 187, 234
Decimal	11975914
CIE Lab	77.19, 7.58, -23.55
CIE LCh	77, 24.742, 287.835
Yxy	51.8520, 0.2757, 0.2742
Android (android.graphics.Color)	4290165994 (0xFFB6BCEA)
YUV	191.4500, 20.9772, -8.2876
Hunter-Lab	72.0083, 3.1993, -19.6660

Details

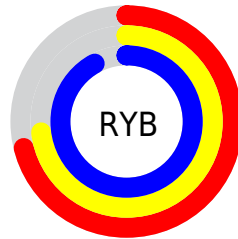
The XYZ color **52.1259, 51.8520, 85.1030** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **70.1192, 76.3569, 55.3001**, and the grayscale version is **49.6734, 52.2602, 56.9114**.

A 20% lighter version of the original color is **85.6606, 90.0985, 107.4837**, and **25.6019, 25.1315, 45.6210** is the 20% darker color. If you saturate the color by 10%, you get **42.9454, 41.0200, 83.4969**, and if you desaturate by 10%, it is **62.8673, 64.4326, 86.9660**.

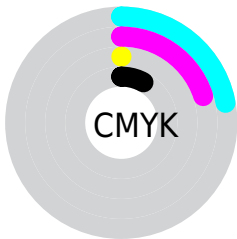
Distribution



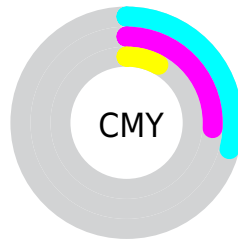
- Red (71%)
- Green (74%)
- Blue (92%)



- Red (71%)
- Yellow (73%)
- Blue (92%)



- Cyan (22%)
- Magenta (20%)
- Yellow (0%)
- Black (8%)



- Cyan (29%)
- Magenta (26%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.1259, 51.8520, 85.1030 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 52.1259, 51.8520, 85.1030 by changing the saturation by 10% instead.

■ 52.1259, 51.8520,
85.1030

■ 52.1259, 51.8520,
85.1030

385.2384,
393.8650, 532.1223

■ 37.3301, 36.8871,
63.3759

■ 92.4900, 92.9129,
142.3925

■ 25.6380, 25.1201,
45.7024

118.7891,
119.7778, 178.7920

■ 16.6843, 16.1666,
31.6641

149.6532,
151.3781, 220.9193

■ 10.1036, 9.6421,
20.8423

185.4479,
188.0982, 269.1929

■ 5.5305, 5.1623,
12.8187

226.5384,
230.3226, 324.0315

■ 2.5997, 2.3428,
7.1746

273.2901,

■ 0.9458, 0.7962,

278.4355, 385.8536

3.4914

326.0683,
332.8216, 455.0777

■ 0.0000, 0.0000,
1.3507

■ 0.0000, 0.0000,
0.1028

■ 52.1259, 51.8520,
85.1030

■ 52.1259, 51.8520,
85.1030

■ 42.9454, 41.0200,
83.4969

■ 62.8673, 64.4326,
86.9660

■ 35.2481, 31.8531,
82.1332

■ 75.2326, 78.8280,
89.0929

■ 28.9572, 24.2699,
81.0011

■ 89.2873, 95.1088,
91.4946

■ 23.9867, 18.1801,
80.0876

■ 91.8514, 98.7206,
92.0566

■ 20.2413, 13.4840,
79.3786

■ 17.6126, 10.0695,
78.8581

■ 15.9725, 7.8067,
78.5078

■ 15.2435, 6.7247,
78.3373

Harmonies

Analogous

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



47.3895, 51.8520, 85.9838



52.1259, 51.8520, 85.1030



56.3467, 51.8520, 75.8375

Triad

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



52.1259, 51.8520, 85.1030



55.6531, 51.8520, 39.2488



40.9067, 51.8520, 51.1384

Complementary

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



52.1259, 51.8520, 85.1030



70.1192, 76.3569, 55.3001

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.



42.8372, 51.8520, 40.6979



52.1259, 51.8520, 85.1030



51.2279, 51.8520, 34.6077

Square

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



52.1259, 51.8520, 85.1030



58.4712, 51.8520, 48.8408



46.5469, 51.8520, 35.0918



41.1130, 51.8520, 64.8287

Rectangle

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



52.1259, 51.8520, 85.1030



58.2078, 51.8520, 66.8805



46.5469, 51.8520, 35.0918



41.3219, 51.8520, 47.1788

Sweetspot

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



52.1275, 51.8541, 85.1042



83.9532, 87.1064, 106.9962



62.7097, 74.3895, 84.4047



17.7747, 18.4176, 22.8681



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.



52.1275, 51.8541, 85.1042



57.6493, 56.3042, 102.4371



55.9196, 51.9451, 84.9219



14.3712, 14.8288, 19.0271



8.6119, 3.8707, 44.0362



0.7224, 0.3963, 3.4733

Inverse Universe

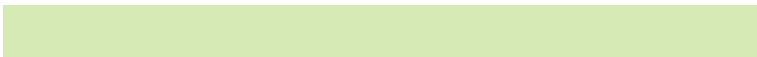
The Inverse Universe completely reimagines the original color for something new.



59.7381, 54.5806, 54.9657



68.5789, 60.3404, 59.1279



65.6184, 76.5302, 55.5708



15.1362, 15.0823, 16.0023



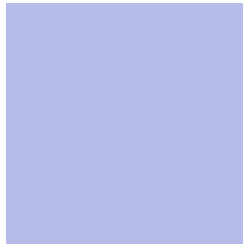
19.2022, 9.8836, 1.6000



1.5311, 0.7854, 0.2484

Previews

White Background



This preview shows how the XYZ color 52.1259, 51.8520, 85.1030 looks on a white background.

Color Contrast Check

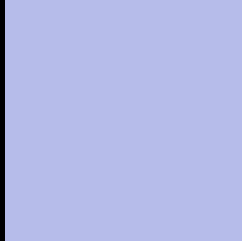
Large Text (above 18pt) WCAG AA × Fail

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 52.1259, 51.8520, 85.1030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

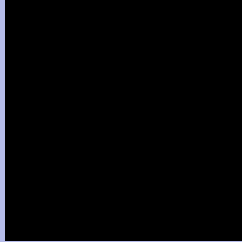
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.1259, 51.8520, 85.1030

Background



This preview shows how black text looks on a background with the XYZ color 52.1259, 51.8520, 85.1030.



This preview shows how white text looks on a background with the XYZ color 52.1259, 51.8520,

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

52.1259, 51.8520, 85.1030

Protanopia

51.8713, 52.0390, 85.1525

Deuteranopia

52.9037, 51.6231, 85.0178



Tritanopia

48.5866, 52.0411, 67.1587

Trichromacy



Original Color

52.1259, 51.8520, 85.1030

Protanomaly

52.1049, 52.1595, 85.1635

Deuteranomaly

52.6292, 51.7954, 85.0656

Tritanomaly

49.7456, 51.8551, 73.0328

Monochromacy



Original Color

52.1259, 51.8520, 85.1030

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

50.4150, 52.0233, 66.4158

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1259, 51.8520, 85.1030 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, 188, 234)` looks like.

```
.text, #text, p{  
    color:rgb(182, 188, 234)  
}
```

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, 188, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 188, 234) }
```

Border

The CSS property to change the border of an element to XYZ 52.1259, 51.8520, 85.1030 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, 188, 234) }
```


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

```
.border{ border-color:rgb(182, 188, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 188, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 188, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 188, 234);  
box-shadow:4px 4px 4px 4px rgb(182, 188,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1259, 51.8520, 85.1030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 188, 234) }
```

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

```
.background{ background-color: rgb(182,  
188, 234) }
```

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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