

Converting Colors

XYZ(56.6750, 52.9689,
125.1444)

Have a look what the booklet for
XYZ(56.6750, 52.9689, 125.1444)
contains.

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Color

**XYZ(52.1825, 51.1957,
101.7392)**

Conversions

Conversions Part 1

Format	Color
Hex	A9BBFF
RGB	169, 187, 255
RGB Percent	66%, 73%, 100%
CMY	0.3372, 0.2667, 0.0000
CMYK	0.34, 0.27, 0.00, 0.00
HSL	227°, 100%, 83%
HSV	227°, 34%, 100%
XYZ	52.1825, 51.1957, 101.7392
YIQ	189.3700, -32.5560, 17.3320

Conversions

Conversions Part 2

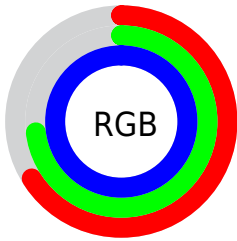
Format	Color
RYB	169, 184, 255
Decimal	11123711
CIELab	76.80, 9.43, -35.53
CIELCh	77, 36.761, 284.860
Yxy	51.1957, 0.2544, 0.2496
Android (android.graphics.Color)	4289313791 (0xFFA9BBFF)
YUV	189.3700, 32.3556, -17.8645
Hunter-Lab	71.5512, 4.9661, -34.2191

Details

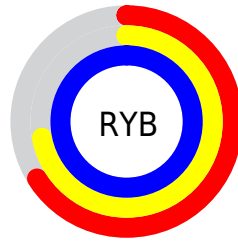
The XYZ color **52.1825, 51.1957, 101.7392** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **78.6860, 84.6931, 49.7381**, and the grayscale version is **48.4168, 50.9382, 55.4717**.

A 20% lighter version of the original color is **81.4646, 87.4899, 107.2013**, and **25.6576, 24.7048, 56.8423** is the 20% darker color. If you saturate the color by 10%, you get **43.2547, 40.6839, 100.1808**, and if you desaturate by 10%, it is **62.7807, 63.4623, 103.5483**.

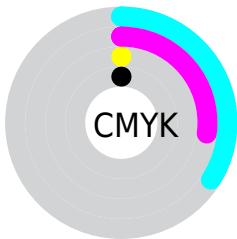
Distribution



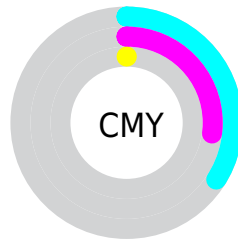
- Red (66%)
- Green (73%)
- Blue (100%)



- Red (66%)
- Yellow (72%)
- Blue (100%)



- Cyan (34%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (34%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.1825, 51.1957, 101.7392 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 52.1825, 51.1957, 101.7392 by changing the saturation by 10% instead.

■ 52.1825, 51.1957,
101.7392

■ 52.1825, 51.1957,
101.7392

385.4532,
391.3236, 587.0487

■ 37.3754, 36.3644,
77.1289

■ 92.5730, 91.9440,
165.6179

■ 25.6733, 24.7157,
56.8464

118.8871,
118.6297, 205.7233

■ 16.7108, 15.8654,
40.4734

149.7675,
150.0358, 251.8308

■ 10.1225, 9.4290,
27.5913

185.5798,
186.5464, 304.3589

■ 5.5432, 5.0220,
17.7814

226.6891,
228.5462, 363.7262

■ 2.6073, 2.2602,
10.6254

273.4608,

■ 0.9497, 0.7525,

276.4194, 430.3513

5.7045

326.2604,
330.5504, 504.6526

■ 0.0000, 0.0000,
2.6004

■ 0.0000, 0.0000,
0.8927

■ 52.1825, 51.1957,
101.7392

■ 52.1825, 51.1957,
101.7392

■ 43.2547, 40.6839,
100.1808

■ 62.7807, 63.4623,
103.5483

■ 35.9055, 31.8394,
98.8609

■ 75.1254, 77.5544,
105.6177

■ 30.0411, 24.5753,
97.7679

■ 89.2934, 93.5456,
107.9576

■ 25.5555, 18.7945,
96.8885

■ 95.0500, 100.0000,
108.9000

■ 22.3277, 14.3879,
96.2081

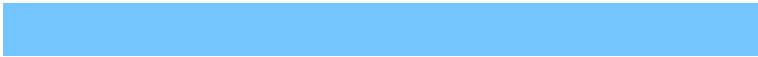
■ 20.2136, 11.2299,
95.7100

■ 19.3402, 9.8005,
95.4801

Harmonies

Analogous

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



45.2395, 51.1957, 101.6669



52.1825, 51.1957, 101.7392



58.7503, 51.1957, 87.6550

Triad

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



52.1825, 51.1957, 101.7392



58.8027, 51.1957, 32.7958



36.8244, 51.1957, 46.2986

Complementary

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



52.1825, 51.1957, 101.7392



78.6860, 84.6931, 49.7381

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.



39.7967, 51.1957, 32.7029



52.1825, 51.1957, 101.7392



52.2487, 51.1957, 26.2718

Square

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



52.1825, 51.1957, 101.7392



62.8135, 51.1957, 46.4585



45.2997, 51.1957, 26.2425



36.8103, 51.1957, 66.1896

Rectangle

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



52.1825, 51.1957, 101.7392



61.8438, 51.1957, 73.7115



45.2997, 51.1957, 26.2425



37.4971, 51.1957, 40.9618

Sweetspot

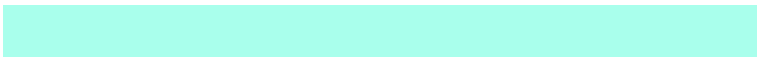
The Sweet Spot groups the original color and five complimentary colors.



52.1841, 51.1976, 101.7395



80.1847, 83.2840, 106.4570



67.3167, 86.0329, 92.6951



16.7477, 17.3567, 22.7174



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.



52.1841, 51.1976, 101.7395



46.3906, 44.3997, 100.7327



54.3252, 46.9833, 100.8132



17.3110, 17.9937, 22.8107



10.1913, 5.2923, 49.9189



1.0667, 0.6640, 4.8852

Inverse Universe

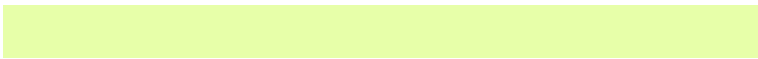
The Inverse Universe completely reimagines the original color for something new.



64.3987, 53.2253, 53.8951



60.3054, 47.1121, 46.1385



75.7589, 91.3129, 51.1701



18.1649, 18.0493, 19.4855



21.9323, 11.2622, 3.0281



2.1730, 1.1116, 0.4925

Previews

White Background



This preview shows how the XYZ color 52.1825, 51.1957, 101.7392 looks on a white background.

Color Contrast Check

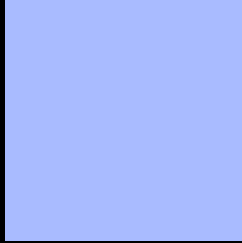
Large Text (above 18pt) WCAG AA × Fail

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 52.1825, 51.1957, 101.7392 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 52.1825, 51.1957, 101.7392

Background



This preview shows how black text looks on a background with the XYZ color 52.1825, 51.1957, 101.7392.



This preview shows how white text looks on a background with the XYZ color 52.1825, 51.1957,

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

52.1825, 51.1957, 101.7392

Protanopia

52.3979, 51.3067, 101.7493

Deuteranopia

52.6149, 51.4186, 101.7594



Tritanopia

45.5711, 51.1043, 69.0903

Trichromacy



Original Color

52.1825, 51.1957, 101.7392

Protanomaly

52.3979, 51.3067, 101.7493

Deuteranomaly

52.3979, 51.3067, 101.7493

Tritanomaly

47.8190, 51.0319, 80.0028

Monochromacy



Original Color

52.1825, 51.1957, 101.7392

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

49.2849, 50.7156, 70.1423

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1825, 51.1957, 101.7392 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(169, 187, 255)` looks like.

```
.text, #text, p{  
    color:rgb(169, 187, 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(169, 187, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 187, 255) }
```

Border

The CSS property to change the border of an element to XYZ 52.1825, 51.1957, 101.7392 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(169, 187, 255) }
```


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

```
.border{ border-color:rgb(169, 187, 255) }
```

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

Here you see how a box with a 4 pixel rgb(169, 187, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 187, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 187, 255);  
box-shadow:4px 4px 4px 4px rgb(169, 187,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1825, 51.1957, 101.7392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 187, 255) }
```

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

```
.background{ background-color: rgb(169,  
187, 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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