

Converting Colors

XYZ(62.8692, 57.0976,
161.0513)

Have a look what the booklet for
XYZ(62.8692, 57.0976, 161.0513)
contains.

XYZ(51.5976, 52.4963, 102.0211)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(51.5976, 52.4963,
102.0211)**

Conversions

Conversions Part 1

Format	Color
Hex	A1C0FF
RGB	161, 192, 255
RGB Percent	63%, 75%, 100%
CMY	0.3686, 0.2470, 0.0000
CMYK	0.37, 0.25, 0.00, 0.00
HSL	220°, 100%, 82%
HSV	220°, 37%, 100%
XYZ	51.5976, 52.4963, 102.0211
YIQ	189.9130, -38.6990, 13.0210

Conversions

Conversions Part 2

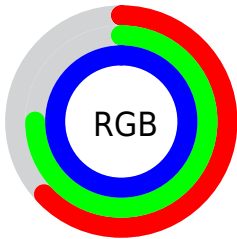
Format	Color
R _Y B	161, 184, 255
Decimal	10600703
CIE Lab	77.58, 4.53, -34.37
CIE LCh	78, 34.666, 277.515
Yxy	52.4963, 0.2503, 0.2547
Android (android.graphics.Color)	4288790783 (0xFFA1C0FF)
YUV	189.9130, 32.0879, -25.3567
Hunter-Lab	72.4543, 0.3218, -32.7667

Details

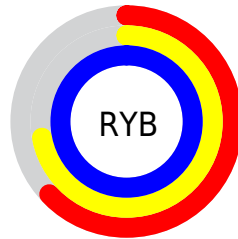
The XYZ color **51.5976, 52.4963, 102.0211** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **74.3294, 77.1453, 44.6932**, and the grayscale version is **48.7320, 51.2699, 55.8329**.

A 20% lighter version of the original color is **80.5308, 89.2602, 107.5923**, and **25.3695, 25.6066, 57.0315** is the 20% darker color. If you saturate the color by 10%, you get **43.4361, 43.0389, 100.6258**, and if you desaturate by 10%, it is **61.2459, 63.3693, 103.6112**.

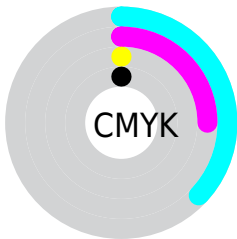
Distribution



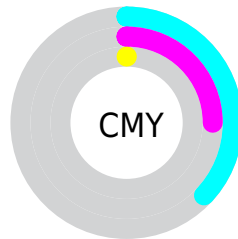
- Red (63%)
- Green (75%)
- Blue (100%)



- Red (63%)
- Yellow (72%)
- Blue (100%)



- Cyan (37%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (37%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.5976, 52.4963, 102.0211 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 51.5976, 52.4963, 102.0211 by changing the saturation by 10% instead.

■ 51.5976, 52.4963,
102.0211

■ 51.5976, 52.4963,
102.0211

383.2307,
396.3496, 587.9552

■ 36.9074, 37.4008,
77.3632

■ 91.7153, 93.8628,
166.0079

■ 25.3091, 25.5180,
57.0377

■ 117.8734,
120.9025, 206.1740

■ 16.4375, 16.4634,
40.6260

148.5850,
152.6925, 252.3465

■ 9.9271, 9.8526,
27.7094

184.2152,
189.6171, 304.9440

■ 5.4125, 5.3014,
17.8696

225.1296,
232.0608, 364.3851

■ 2.5285, 2.4252,
10.6879

271.6934,

■ 0.9097, 0.8388,

280.4078, 431.0883

5.7459

324.2719,
335.0426, 505.4722

■ 0.0000, 0.0000,
2.6249

■ 0.0000, 0.0000,
0.9053

■ 51.5976, 52.4963,
102.0211

■ 51.5976, 52.4963,
102.0211

■ 43.4361, 43.0389,
100.6258

■ 61.2459, 63.3693,
103.6112

■ 36.6776, 34.9285,
99.4165

■ 72.4490, 75.7105,
105.4029

■ 31.2369, 28.0991,
98.3850

■ 85.2764, 89.5769,
107.4033

■ 27.0167, 22.4757,
97.5220

95.0500, 100.0000,
108.9000

■ 23.9045, 17.9738,
96.8171

■ 21.7611, 14.4934,
96.2583

■ 21.2278, 13.5757,
96.1093

Harmonies

Analogous

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



45.1359, 52.4963, 98.4087



51.5976, 52.4963, 102.0211



58.1476, 52.4963, 91.6482

Triad

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



51.5976, 52.4963, 102.0211



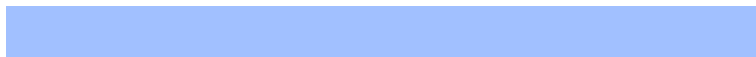
60.8121, 52.4963, 37.5304



38.9282, 52.4963, 44.1947

Complementary

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



51.5976, 52.4963, 102.0211



74.3294, 77.1453, 44.6932

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.



42.4647, 52.4963, 32.6324



51.5976, 52.4963, 102.0211



54.9799, 52.4963, 29.4275

Square

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



51.5976, 52.4963, 102.0211



63.7683, 52.4963, 52.4752



48.2325, 52.4963, 27.8602



38.1976, 52.4963, 62.1147

Rectangle

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



51.5976, 52.4963, 102.0211



61.5539, 52.4963, 79.3196



48.2325, 52.4963, 27.8602



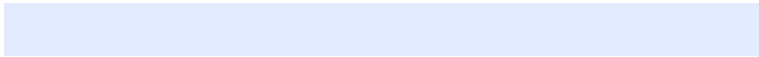
39.8119, 52.4963, 39.5667

Sweetspot

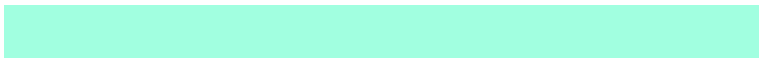
The Sweet Spot groups the original color and five complimentary colors.



51.5992, 52.4982, 102.0213



79.7660, 83.6493, 106.5495



63.8684, 84.4613, 83.2217



16.7001, 17.5012, 22.7478



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.



51.5992, 52.4982, 102.0213



45.6245, 45.6046, 101.0056



48.8521, 42.0197, 100.1436



17.4923, 18.3562, 22.8711



11.2130, 7.3357, 50.2595



1.1869, 0.9045, 4.9253

Inverse Universe

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



63.5004, 50.5572, 56.2827



59.2506, 44.1322, 48.4701



77.9029, 92.5023, 47.4690



18.2564, 18.0859, 19.9673



22.4480, 11.4685, 5.7438



2.2337, 1.1359, 0.8122

Previews

White Background



This preview shows how the XYZ color 51.5976, 52.4963, 102.0211 looks on a white background.

Color Contrast Check

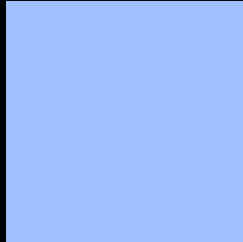
Large Text (above 18pt) WCAG AA × Fail

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 51.5976, 52.4963, 102.0211 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

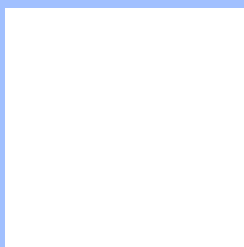
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.5976, 52.4963, 102.0211

Background



This preview shows how black text looks on a background with the XYZ color 51.5976, 52.4963, 102.0211.



This preview shows how white text looks on a background with the XYZ color 51.5976, 52.4963,

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

51.5976, 52.4963, 102.0211

Protanopia

53.3828, 52.4857, 100.2457

Deuteranopia

53.4888, 52.1851, 101.8613



Tritanopia

45.4517, 52.3325, 71.9956

Trichromacy



Original Color

51.5976, 52.4963, 102.0211

Protanomaly

52.6650, 52.4177, 101.1078

Deuteranomaly

52.6098, 52.0502, 101.8816

Tritanomaly

47.5404, 52.1616, 82.4255

Monochromacy



Original Color

51.5976, 52.4963, 102.0211

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

49.3588, 51.7003, 70.9960

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5976, 52.4963, 102.0211 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(161, 192, 255)` looks like.

```
.text, #text, p{  
    color:rgb(161, 192, 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(161, 192, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 192, 255) }
```

Border

The CSS property to change the border of an element to XYZ 51.5976, 52.4963, 102.0211 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(161, 192, 255) }
```


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

```
.border{ border-color:rgb(161, 192, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 192, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 192, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 192, 255);  
box-shadow:4px 4px 4px 4px rgb(161, 192,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5976, 52.4963, 102.0211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 192, 255) }
```

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

```
.background{ background-color: rgb(161,  
192, 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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