

Converting Colors

XYZ(51.3424, 53.2120,
102.7550)

Have a look what the booklet for
XYZ(51.3424, 53.2120, 102.7550)
contains.

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Color

**XYZ(51.2754, 53.3181,
102.1967)**

Conversions

Conversions Part 1

Format	Color
Hex	9CC3FF
RGB	156, 195, 255
RGB Percent	61%, 76%, 100%
CMY	0.3882, 0.2353, 0.0000
CMYK	0.39, 0.24, 0.00, 0.00
HSL	216°, 100%, 81%
HSV	216°, 39%, 100%
XYZ	51.2754, 53.3181, 102.1967
YIQ	190.1790, -42.5040, 10.3920

Conversions

Conversions Part 2

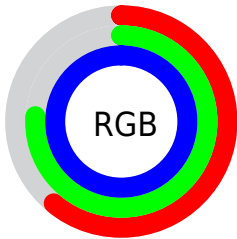
Format	Color
RYB	156, 184, 255
Decimal	10273791
CIELab	78.06, 1.59, -33.64
CIELCh	78, 33.680, 272.704
Yxy	53.3181, 0.2480, 0.2578
Android (android.graphics.Color)	4288463871 (0xFF9CC3FF)
YUV	190.1790, 31.9568, -29.9750
Hunter-Lab	73.0192, -2.4378, -31.8680

Details

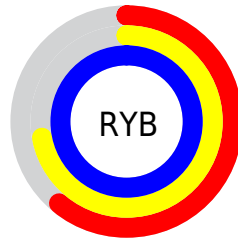
The XYZ color **51.2754, 53.3181, 102.1967** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **71.7973, 72.7727, 41.7168**, and the grayscale version is **48.8872, 51.4332, 56.0107**.

A 20% lighter version of the original color is **79.9878, 90.3605, 107.8333**, and **25.1216, 26.1325, 57.1461** is the 20% darker color. If you saturate the color by 10%, you get **43.5638, 44.4665, 100.8946**, and if you desaturate by 10%, it is **60.3843, 63.4244, 103.6673**.

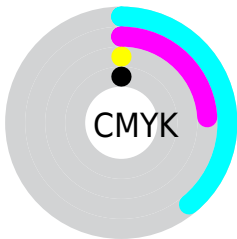
Distribution



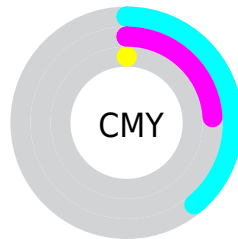
- Red (61%)
- Green (76%)
- Blue (100%)



- Red (61%)
- Yellow (72%)
- Blue (100%)



- Cyan (39%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (39%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.2754, 53.3181, 102.1967 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 51.2754, 53.3181, 102.1967 by changing the saturation by 10% instead.

■ 51.2754, 53.3181,
102.1967

■ 51.2754, 53.3181,
102.1967

382.0029,
399.5043, 588.5195

■ 36.6498, 38.0568,
77.5093

■ 91.2423, 95.0723,
166.2508

■ 25.1089, 26.0268,
57.1569

■ 117.3143,
122.3339, 206.4546

■ 16.2873, 16.8437,
40.7210

147.9324,
154.3645, 252.6676

■ 9.8198, 10.1231,
27.7831

183.4621,
191.5483, 305.3083

■ 5.3410, 5.4806,
17.9246

224.2686,
234.2698, 364.7953

■ 2.4855, 2.5319,
10.7270

270.7173,

■ 0.8880, 0.8926,

282.9134, 431.5472

5.7717

323.1736,
337.8634, 505.9824

■ 0.0000, 0.0000,
2.6402

■ 0.0000, 0.0000,
0.9131

■ 51.2754, 53.3181,
102.1967

■ 51.2754, 53.3181,
102.1967

■ 43.5638, 44.4665,
100.8946

■ 60.3843, 63.4244,
103.6673

■ 37.1686, 36.8083,
99.7535

■ 70.9558, 74.8309,
105.3118

■ 32.0072, 30.2852,
98.7664

■ 83.0566, 87.5881,
107.1364

■ 27.9845, 24.8304,
97.9255

95.0500, 100.0000,
108.9000

■ 24.9896, 20.3677,
97.2220

■ 22.8663, 16.7967,
96.6446

■ 22.6511, 16.4221,
96.5837

Harmonies

Analogous

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



45.1034, 53.3181, 96.4931



51.2754, 53.3181, 102.1967



57.8117, 53.3181, 94.1186

Triad

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



51.2754, 53.3181, 102.1967



62.0647, 53.3181, 40.6228



40.2623, 53.3181, 42.9970

Complementary

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



51.2754, 53.3181, 102.1967



71.7973, 72.7727, 41.7168

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.



44.1553, 53.3181, 32.6276



51.2754, 53.3181, 102.1967



56.6924, 53.3181, 31.4793

Square

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



51.2754, 53.3181, 102.1967



64.3683, 53.3181, 56.3647



50.0838, 53.3181, 28.9017



39.0798, 53.3181, 59.7775

Rectangle

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



51.2754, 53.3181, 102.1967



61.4027, 53.3181, 82.8442



50.0838, 53.3181, 28.9017



41.2797, 53.3181, 38.7803

Sweetspot

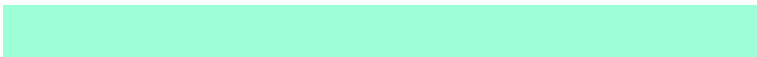
The Sweet Spot groups the original color and five complimentary colors.



51.2770, 53.3201, 102.1970



79.0412, 83.3844, 106.5366



61.7886, 83.5153, 77.4244



16.5747, 17.4865, 22.7516



0.0000, 0.0000, 0.0000



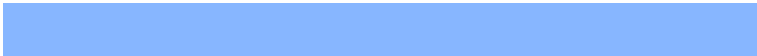
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



51.2770, 53.3201, 102.1970



44.8685, 45.9887, 101.1196



45.6450, 39.0950, 99.7481



17.5900, 18.5516, 22.9037



11.9709, 8.8513, 50.5121



1.2684, 1.0675, 4.9525

Inverse Universe

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



62.9799, 48.9787, 57.7661



58.4061, 42.0223, 49.4865



79.4524, 93.3510, 45.2854



18.3057, 18.1056, 20.2270



22.8305, 11.6215, 7.7581



2.2748, 1.1523, 1.0287

Previews

White Background



This preview shows how the XYZ color 51.2754, 53.3181, 102.1967 looks on a white background.

Color Contrast Check

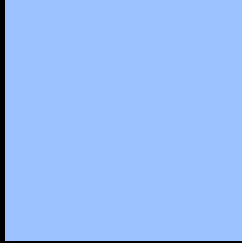
Large Text (above 18pt) WCAG AA × Fail

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 51.2754, 53.3181, 102.1967 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

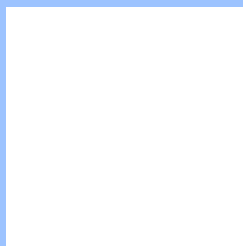
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.2754, 53.3181, 102.1967

Background



This preview shows how black text looks on a background with the XYZ color 51.2754, 53.3181, 102.1967.



This preview shows how white text looks on a background with the XYZ color 51.2754, 53.3181,

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

51.2754, 53.3181, 102.1967

Protanopia

53.7305, 53.0221, 98.6692

Deuteranopia

54.3680, 53.2770, 102.0257



Tritanopia

45.8080, 53.5061, 74.2430

Trichromacy



Original Color

51.2754, 53.3181, 102.1967

Protanomaly

52.7825, 53.1626, 99.5749

Deuteranomaly

53.2618, 53.3543, 102.0989

Tritanomaly

47.4249, 53.1004, 83.3511

Monochromacy



Original Color

51.2754, 53.3181, 102.1967

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

49.3473, 52.0193, 71.0582

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.2754, 53.3181, 102.1967 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(156, 195, 255)` looks like.

```
.text, #text, p{  
    color:rgb(156, 195, 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(156, 195, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 195, 255) }
```

Border

The CSS property to change the border of an element to XYZ 51.2754, 53.3181, 102.1967 is called "border". The border property can be set on classes, ids or directly on the HTML element.

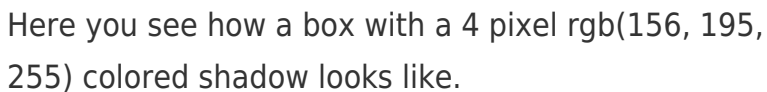
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(156, 195, 255) }
```


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

```
.border{ border-color:rgb(156, 195, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(156, 195, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 195, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 195, 255); box-shadow:4px 4px 4px 4px rgb(156, 195, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 51.2754, 53.3181, 102.1967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 195, 255) }
```

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

```
.background{ background-color: rgb(156,  
195, 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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