

Converting Colors

XYZ(52.9345, 53.2531,
102.0780)

Have a look what the booklet for
XYZ(52.9345, 53.2531, 102.0780)
contains.

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Color

**XYZ(52.8360, 53.1348,
102.0790)**

Conversions

Conversions Part 1

Format	Color
Hex	A7C0FF
RGB	167, 192, 255
RGB Percent	65%, 75%, 100%
CMY	0.3451, 0.2470, 0.0000
CMYK	0.35, 0.25, 0.00, 0.00
HSL	223°, 100%, 83%
HSV	223°, 35%, 100%
XYZ	52.8360, 53.1348, 102.0790
YIQ	191.7070, -35.1230, 14.2930

Conversions

Conversions Part 2

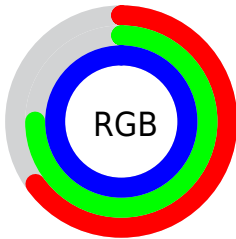
Format	Color
R_{YB}	167, 186, 255
Decimal	10993919
CIE _{Lab}	77.95, 6.14, -33.75
CIE _{LCh}	78, 34.308, 280.313
Yxy	53.1348, 0.2540, 0.2554
Android (android.graphics.Color)	4289183999 (0xFFA7C0FF)
YUV	191.7070, 31.2034, -21.6680
Hunter-Lab	72.8936, 1.8196, -32.0032

Details

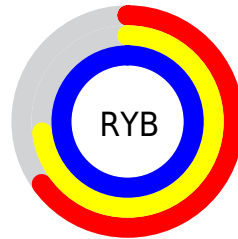
The XYZ color **52.8360, 53.1348, 102.0790** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **76.5123, 80.6439, 48.0943**, and the grayscale version is **49.7722, 52.3642, 57.0246**.

A 20% lighter version of the original color is **82.3579, 90.2021, 107.6778**, and **26.1078, 25.9872, 57.0661** is the 20% darker color. If you saturate the color by 10%, you get **44.2078, 43.1019, 100.5972**, and if you desaturate by 10%, it is **63.0267, 64.7136, 103.7768**.

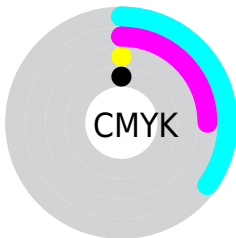
Distribution



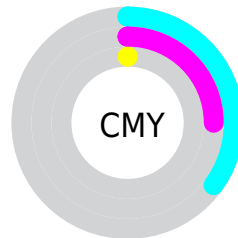
- Red (65%)
- Green (75%)
- Blue (100%)



- Red (65%)
- Yellow (73%)
- Blue (100%)



- Cyan (35%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (35%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.8360, 53.1348, 102.0790 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 52.8360, 53.1348, 102.0790 by changing the saturation by 10% instead.

■ 52.8360, 53.1348,
102.0790

■ 52.8360, 53.1348,
102.0790

387.9268,
398.8021, 588.1413

■ 37.8988, 37.9104,
77.4114

■ 93.5300, 94.8027,
166.0880

■ 26.0810, 25.9131,
57.0770

■ 120.0174,
122.0150, 206.2665

■ 17.0173, 16.7587,
40.6573

151.0857,
153.9920, 252.4524

■ 10.3422, 10.0626,
27.7337

187.1002,
191.1182, 305.0642

■ 5.6904, 5.4405,
17.8877

228.4262,
233.7778, 364.5204

■ 2.6966, 2.5079,
10.7008

275.4290,

■ 0.9954, 0.8806,

282.3555, 431.2396

5.7544

328.4741,
337.2354, 505.6404

■ 0.0000, 0.0000,
2.6300

■ 0.0000, 0.0000,
0.9079

■ 52.8360, 53.1348,
102.0790

■ 52.8360, 53.1348,
102.0790

■ 44.2078, 43.1019,
100.5972

■ 63.0267, 64.7136,
103.7768

■ 37.0565, 34.5403,
99.3216

■ 74.8498, 77.8963,
105.6982

■ 31.2951, 27.3779,
98.2428

■ 88.3768, 92.7454,
107.8514

■ 26.8249, 21.5333,
97.3503

■ 95.0500, 100.0000,
108.9000

■ 23.5331, 16.9156,
96.6324

■ 21.2841, 13.4193,
96.0761

■ 20.3963, 11.9126,
95.8321

Harmonies

Analogous

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



46.3014, 53.1348, 99.8258



52.8360, 53.1348, 102.0790



59.2705, 53.1348, 90.6544

Triad

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



52.8360, 53.1348, 102.0790



60.9359, 53.1348, 37.1826



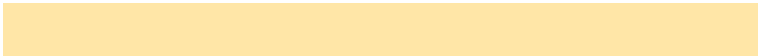
39.3564, 53.1348, 46.3341

Complementary

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



52.8360, 53.1348, 102.0790



76.5123, 80.6439, 48.0943

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.



42.6459, 53.1348, 34.1082



52.8360, 53.1348, 102.0790



54.9515, 53.1348, 29.6872

Square

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



52.8360, 53.1348, 102.0790



64.2126, 53.1348, 51.5200



48.2398, 53.1348, 28.7018



38.8984, 53.1348, 64.6886

Rectangle

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



52.8360, 53.1348, 102.0790



62.4944, 53.1348, 78.0362



48.2398, 53.1348, 28.7018



40.1530, 53.1348, 41.4924

Sweetspot

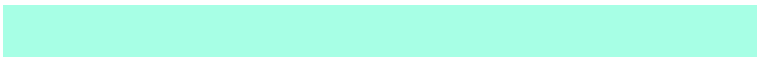
The Sweet Spot groups the original color and five complimentary colors.



52.8376, 53.1368, 102.0793



80.7332, 84.3809, 106.6398



65.7844, 85.3708, 86.8481



16.8796, 17.6205, 22.7614



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.



52.8376, 53.1368, 102.0793



47.0628, 46.4510, 101.0932



51.7814, 45.1239, 100.5883



17.4232, 18.2180, 22.8481



10.7663, 6.4422, 50.1106



1.1364, 0.8036, 4.9085

Inverse Universe

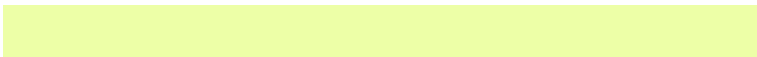
The Inverse Universe completely reimagines the original color for something new.



64.5743, 52.7048, 56.6409



60.4721, 46.5181, 49.0533



77.7944, 92.3838, 50.2927



18.2215, 18.0719, 19.7836



22.2225, 11.3783, 4.5563



2.2082, 1.1257, 0.6779

Previews

White Background



This preview shows how the XYZ color 52.8360, 53.1348, 102.0790 looks on a white background.

Color Contrast Check

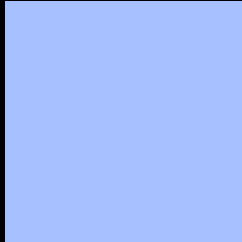
Large Text (above 18pt) WCAG AA × Fail

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 52.8360, 53.1348, 102.0790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

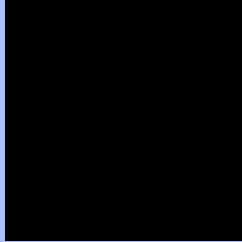
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

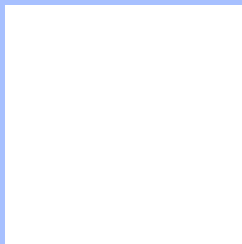
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.8360, 53.1348, 102.0790

Background



This preview shows how black text looks on a background with the XYZ color 52.8360, 53.1348, 102.0790.



This preview shows how white text looks on a background with the XYZ color 52.8360, 53.1348,

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

52.8360, 53.1348, 102.0790

Protanopia

53.9820, 53.0966, 101.1694

Deuteranopia

54.1521, 52.8453, 101.9538



Tritanopia

46.7897, 53.0222, 72.0582

Trichromacy



Original Color

52.8360, 53.1348, 102.0790

Protanomaly

53.5335, 53.1880, 101.2107

Deuteranomaly

53.6970, 52.9311, 101.9943

Tritanomaly

48.7208, 52.7701, 82.4807

Monochromacy



Original Color

52.8360, 53.1348, 102.0790

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.6438, 52.6729, 71.7876

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8360, 53.1348, 102.0790 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(167, 192, 255)` looks like.

```
.text, #text, p{  
    color:rgb(167, 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(167, 192, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 192, 255) }
```

Border

The CSS property to change the border of an element to XYZ 52.8360, 53.1348, 102.0790 is called "border". The border property can be set on classes, ids or directly on the HTML element.

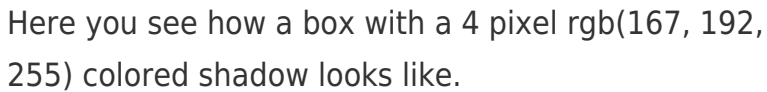
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 192, 255) }
```


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

```
.border{ border-color:rgb(167, 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(167, 192, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 192, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 192, 255); box-shadow:4px 4px 4px 4px rgb(167, 192, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8360, 53.1348, 102.0790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 192, 255) }
```

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

```
.background{ background-color: rgb(167,  
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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