

Converting Colors

XYZ(64.1227, 58.1362,
165.4827)

Have a look what the booklet for
XYZ(64.1227, 58.1362, 165.4827)
contains.

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Color

**XYZ(52.2421, 53.4850,
102.1779)**

Conversions

Conversions Part 1

Format	Color
Hex	A2C2FF
RGB	162, 194, 255
RGB Percent	64%, 76%, 100%
CMY	0.3647, 0.2392, 0.0000
CMYK	0.36, 0.24, 0.00, 0.00
HSL	219°, 100%, 82%
HSV	219°, 36%, 100%
XYZ	52.2421, 53.4850, 102.1779
YIQ	191.3860, -38.6530, 12.1870

Conversions

Conversions Part 2

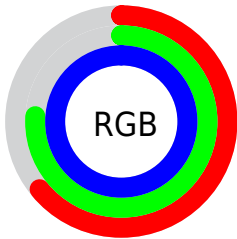
Format	Color
R _Y B	162, 186, 255
Decimal	10666751
CIE Lab	78.16, 3.71, -33.46
CIE LCh	78, 33.667, 276.324
Yxy	53.4850, 0.2513, 0.2573
Android (android.graphics.Color)	4288856831 (0xFFA2C2FF)
YUV	191.3860, 31.3617, -25.7715
Hunter-Lab	73.1334, -0.4739, -31.6432

Details

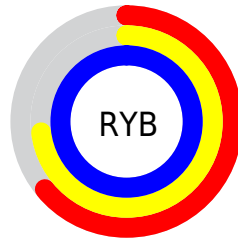
The XYZ color **52.2421, 53.4850, 102.1779** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **74.1498, 76.6444, 45.0701**, and the grayscale version is **49.5864, 52.1687, 56.8117**.

A 20% lighter version of the original color is **81.4490, 90.6513, 107.8124**, and **25.7813, 26.2528, 57.1346** is the 20% darker color. If you saturate the color by 10%, you get **44.0625, 44.0508, 100.7880**, and if you desaturate by 10%, it is **61.8941, 64.3026, 103.7572**.

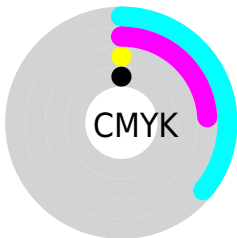
Distribution



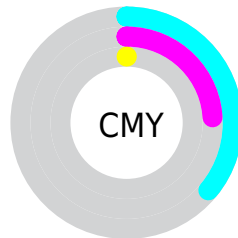
- Red (64%)
- Green (76%)
- Blue (100%)



- Red (64%)
- Yellow (73%)
- Blue (100%)



- Cyan (36%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (36%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.2421, 53.4850, 102.1779 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 52.2421, 53.4850, 102.1779 by changing the saturation by 10% instead.

■ 52.2421, 53.4850,
102.1779

■ 52.2421, 53.4850,
102.1779

385.6792,
400.1431, 588.4591

■ 37.4231, 38.1901,
77.4936

■ 92.6603, 95.3177,
166.2248

■ 25.7105, 26.1303,
57.1441

■ 118.9902,
122.6242, 206.4246

■ 16.7387, 16.9211,
40.7108

149.8879,
154.7034, 252.6332

■ 10.1425, 10.1783,
27.7752

185.7186,
191.9396, 305.2693

■ 5.5565, 5.5173,
17.9187

226.8477,
234.7173, 364.7514

■ 2.6154, 2.5539,
10.7228

273.6406,

■ 0.9538, 0.9035,

283.4209, 431.4981

5.7689

326.4627,
338.4347, 505.9278

■ 0.0000, 0.0000,
2.6386

■ 0.0000, 0.0000,
0.9123

■ 52.2421, 53.4850,
102.1779

■ 52.2421, 53.4850,
102.1779

■ 44.0625, 44.0508,
100.7880

■ 61.8941, 64.3026,
103.7572

■ 37.2729, 35.9334,
99.5791

■ 73.0854, 76.5540,
105.5321

■ 31.7893, 29.0691,
98.5432

■ 85.8844, 90.2944,
107.5097

■ 27.5162, 23.3857,
97.6714

95.0500, 100.0000,
108.9000

■ 24.3430, 18.8018,
96.9538

■ 22.1344, 15.2214,
96.3792

■ 21.5188, 14.1575,
96.2063

Harmonies

Analogous

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



45.9232, 53.4850, 98.1175



52.2421, 53.4850, 102.1779



58.7037, 53.4850, 92.5747

Triad

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



52.2421, 53.4850, 102.1779



61.7245, 53.4850, 39.3034



40.1080, 53.4850, 44.8652

Complementary

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



52.2421, 53.4850, 102.1779



74.1498, 76.6444, 45.0701

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.



43.7045, 53.4850, 33.6515



52.2421, 53.4850, 102.1779



56.0870, 53.4850, 30.9581

Square

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



52.2421, 53.4850, 102.1779



64.4746, 53.4850, 54.3358



49.4551, 53.4850, 29.1385



39.2705, 53.4850, 62.3186

Rectangle

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



52.2421, 53.4850, 102.1779



62.1069, 53.4850, 80.7243



49.4551, 53.4850, 29.1385



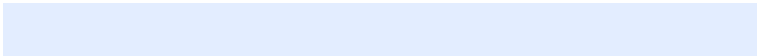
41.0183, 53.4850, 40.3680

Sweetspot

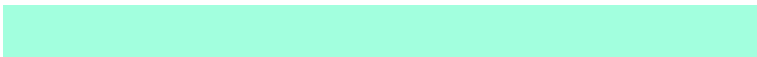
The Sweet Spot groups the original color and five complimentary colors.



52.2437, 53.4870, 102.1782



79.8818, 83.8808, 106.5881



63.9065, 84.5000, 82.3668



16.7276, 17.5562, 22.7570



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.



52.2437, 53.4870, 102.1782



45.9500, 46.2555, 101.1141



48.8650, 42.2868, 100.1944



17.5140, 18.3996, 22.8783



11.3685, 7.6467, 50.3114



1.2040, 0.9387, 4.9310

Inverse Universe

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



63.8991, 50.9973, 57.5167



59.4148, 44.1979, 49.3351



78.5749, 92.8385, 47.9626



18.2673, 18.0902, 20.0250



22.5265, 11.4999, 6.1571



2.2423, 1.1393, 0.8576

Previews

White Background



This preview shows how the XYZ color 52.2421, 53.4850, 102.1779 looks on a white background.

Color Contrast Check

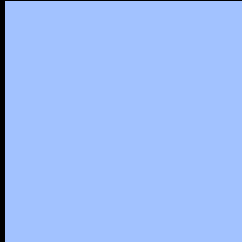
Large Text (above 18pt) WCAG AA × Fail

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 52.2421, 53.4850, 102.1779 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

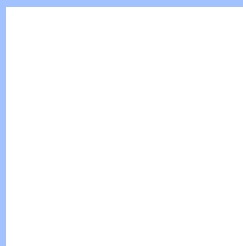
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.2421, 53.4850, 102.1779

Background



This preview shows how black text looks on a background with the XYZ color 52.2421, 53.4850, 102.1779.



This preview shows how white text looks on a background with the XYZ color 52.2421, 53.4850,

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

52.2421, 53.4850, 102.1779

Protanopia

54.1060, 53.5200, 99.5742

Deuteranopia

54.5949, 53.3940, 102.0364



Tritanopia

46.5479, 53.5553, 73.5295

Trichromacy



Original Color

52.2421, 53.4850, 102.1779

Protanomaly

53.3738, 53.4490, 100.4321

Deuteranomaly

53.6941, 53.2523, 102.0565

Tritanomaly

48.3282, 53.2256, 83.3277

Monochromacy



Original Color

52.2421, 53.4850, 102.1779

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.8096, 52.2576, 71.0798

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2421, 53.4850, 102.1779 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(162, 194, 255)` looks like.

```
.text, #text, p{  
    color:rgb(162, 194, 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(162, 194, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 194, 255) }
```

Border

The CSS property to change the border of an element to XYZ 52.2421, 53.4850, 102.1779 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(162, 194, 255) }
```


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

```
.border{ border-color:rgb(162, 194, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 194, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 194, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 194, 255);  
box-shadow:4px 4px 4px 4px rgb(162, 194,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2421, 53.4850, 102.1779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 194, 255) }
```

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

```
.background{ background-color: rgb(162,  
194, 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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