

Converting Colors

XYZ(50.0539, 52.5563,
102.1140)

Have a look what the booklet for
XYZ(50.0539, 52.5563, 102.1140)
contains.

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Color

**XYZ(50.1428, 52.7342,
102.1437)**

Conversions

Conversions Part 1

Format	Color
Hex	96C3FF
RGB	150, 195, 255
RGB Percent	59%, 76%, 100%
CMY	0.4117, 0.2353, 0.0000
CMYK	0.41, 0.24, 0.00, 0.00
HSL	214°, 100%, 79%
HSV	214°, 41%, 100%
XYZ	50.1428, 52.7342, 102.1437
YIQ	188.3850, -46.0800, 9.1200

Conversions

Conversions Part 2

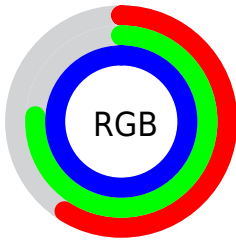
Format	Color
R_{YB}	150, 182, 255
Decimal	9880575
CIE _{Lab}	77.72, 0.06, -34.20
CIE _{LCh}	78, 34.203, 270.092
Yxy	52.7342, 0.2446, 0.2572
Android (android.graphics.Color)	4288070655 (0xFF96C3FF)
YUV	188.3850, 32.8412, -33.6636
Hunter-Lab	72.6183, -3.8282, -32.5635

Details

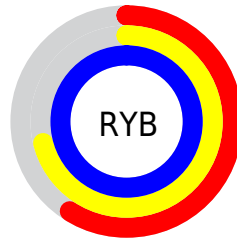
The XYZ color **50.1428, 52.7342, 102.1437** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **69.7924, 69.5562, 38.6034**, and the grayscale version is **47.8580, 50.3504, 54.8316**.

A 20% lighter version of the original color is **78.2793, 89.4798, 107.7533**, and **24.4821, 25.8029, 57.1162** is the 20% darker color. If you saturate the color by 10%, you get **42.8439, 44.3599, 100.9120**, and if you desaturate by 10%, it is **58.7844, 62.2758, 103.5299**.

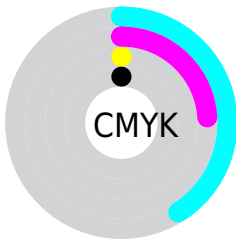
Distribution



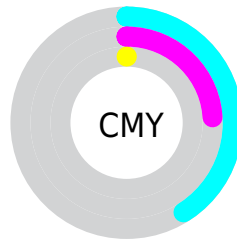
- Red (59%)
- Green (76%)
- Blue (100%)



- Red (59%)
- Yellow (71%)
- Blue (100%)



- Cyan (41%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (41%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.1428, 52.7342, 102.1437 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 50.1428, 52.7342, 102.1437 by changing the saturation by 10% instead.

■ 50.1428, 52.7342,
102.1437

■ 50.1428, 52.7342,
102.1437

377.6669,
397.2645, 588.3492

■ 35.7451, 37.5906,
77.4652

■ 89.5770, 94.2131,
166.1775

■ 24.4066, 25.6651,
57.1209

■ 115.3442,
121.3173, 206.3699

■ 15.7619, 16.5733,
40.6923

145.6320,
153.1771, 252.5707

■ 9.4456, 9.9307,
27.7609

180.8057,
190.1769, 305.1984

■ 5.0924, 5.3530,
17.9080

221.2307,
232.7012, 364.6715

■ 2.3369, 2.4559,
10.7152

267.2723,

■ 0.8134, 0.8544,

281.1343, 431.4087

5.7639

319.2959,
335.8606, 505.8284

■ 0.0000, 0.0000,
2.6356

■ 0.0000, 0.0000,
0.9108

■ 50.1428, 52.7342,
102.1437

■ 50.1428, 52.7342,
102.1437

■ 42.8439, 44.3599,
100.9120

■ 58.7844, 62.2758,
103.5299

■ 36.8070, 37.0947,
99.8278

■ 68.8336, 73.0279,
105.0756

■ 31.9493, 30.8827,
98.8848

■ 80.3563, 85.0380,
106.7865

■ 28.1747, 25.6597,
98.0756

■ 93.4131, 98.3492,
108.6676

■ 25.3696, 21.3514,
97.3919

95.0500, 100.0000,
108.9000

■ 23.5493, 18.2185,
96.8831

Harmonies

Analogous

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



44.0385, 52.7342, 95.1794



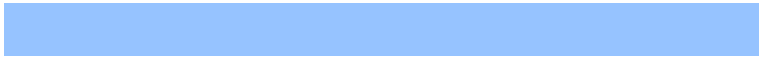
50.1428, 52.7342, 102.1437



56.7807, 52.7342, 95.0971

Triad

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



50.1428, 52.7342, 102.1437



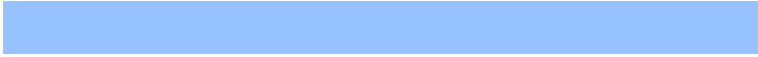
61.9646, 52.7342, 41.0082



39.8763, 52.7342, 41.0896

Complementary

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



50.1428, 52.7342, 102.1437



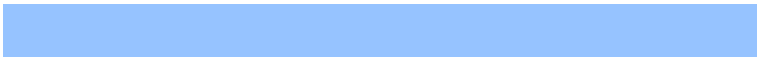
69.7924, 69.5562, 38.6034

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.



44.0059, 52.7342, 31.2958



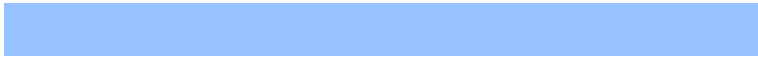
50.1428, 52.7342, 102.1437



56.7421, 52.7342, 31.2566

Square

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



50.1428, 52.7342, 102.1437



63.9623, 52.7342, 57.3598



50.1018, 52.7342, 28.1298



38.4382, 52.7342, 57.4774

Rectangle

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



50.1428, 52.7342, 102.1437



60.5365, 52.7342, 84.1316



50.1018, 52.7342, 28.1298



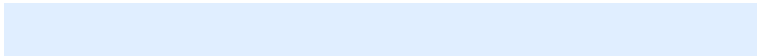
40.9767, 52.7342, 37.0590

Sweetspot

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



50.1444, 52.7361, 102.1439



79.3479, 83.9980, 106.6389



59.9095, 82.6329, 73.4402



16.6467, 17.6306, 22.7756



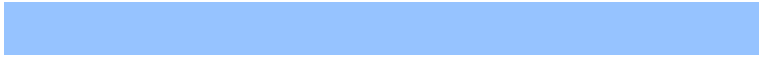
0.0000, 0.0000, 0.0000



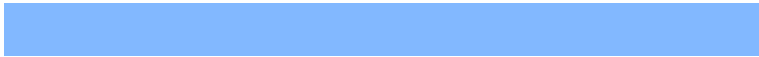
20.3446, 21.4041, 23.3091

Same Dimension

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



50.1444, 52.7361, 102.1439



44.3212, 46.0850, 101.1671



42.8626, 36.2028, 99.3365



17.6431, 18.6578, 22.9214



12.4462, 9.8019, 50.6706



1.3177, 1.1660, 4.9689

Inverse Universe

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



61.9978, 47.0145, 57.4387



57.8392, 40.6825, 49.9322



79.9769, 93.6787, 42.7228



18.3325, 18.1163, 20.3681



23.0704, 11.7175, 9.0214



2.2997, 1.1623, 1.1597

Previews

White Background



This preview shows how the XYZ color 50.1428, 52.7342, 102.1437 looks on a white background.

Color Contrast Check

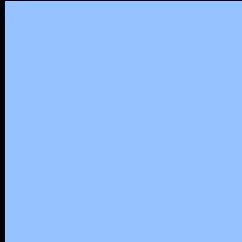
Large Text (above 18pt) WCAG AA × Fail

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 50.1428, 52.7342, 102.1437 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

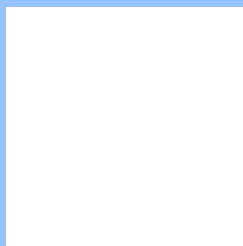
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.1428, 52.7342, 102.1437

Background



This preview shows how black text looks on a background with the XYZ color 50.1428, 52.7342, 102.1437.



This preview shows how white text looks on a background with the XYZ color 50.1428, 52.7342,

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

50.1428, 52.7342, 102.1437

Protanopia

53.2894, 52.4742, 98.5867

Deuteranopia

53.7032, 52.6139, 101.9328



Tritanopia

44.5906, 52.8785, 74.1861

Trichromacy



Original Color

50.1428, 52.7342, 102.1437

Protanomaly

51.9274, 52.3969, 99.4722

Deuteranomaly

52.1979, 52.4809, 101.9865

Tritanomaly

46.3488, 52.5457, 83.3008

Monochromacy



Original Color

50.1428, 52.7342, 102.1437

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

47.9700, 51.0137, 69.6057

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.1428, 52.7342, 102.1437 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(150, 195, 255)` looks like.

```
.text, #text, p{  
    color:rgb(150, 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(150, 195, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 195, 255) }
```

Border

The CSS property to change the border of an element to XYZ 50.1428, 52.7342, 102.1437 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(150, 195, 255) }
```


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

```
.border{ border-color:rgb(150, 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(150, 195, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 195, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 195, 255);  
box-shadow:4px 4px 4px 4px rgb(150, 195,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 50.1428, 52.7342, 102.1437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 195, 255) }
```

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

```
.background{ background-color: rgb(150,  
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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