

Converting Colors

XYZ(68.2929, 57.3650,
194.7770)

Have a look what the booklet for
XYZ(68.2929, 57.3650, 194.7770)
contains.

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Color

**XYZ(50.7206, 50.4420,
101.6708)**

Conversions

Conversions Part 1

Format	Color
Hex	A2BBFF
RGB	162, 187, 255
RGB Percent	64%, 73%, 100%
CMY	0.3647, 0.2667, 0.0000
CMYK	0.36, 0.27, 0.00, 0.00
HSL	224°, 100%, 82%
HSV	224°, 36%, 100%
XYZ	50.7206, 50.4420, 101.6708
YIQ	187.2770, -36.7280, 15.8480

Conversions

Conversions Part 2

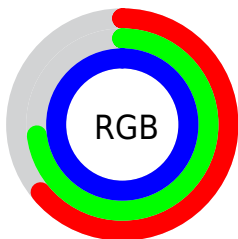
Format	Color
RYB	162, 182, 255
Decimal	10664959
CIELab	76.34, 7.54, -36.28
CIElCh	76, 37.052, 281.743
Yxy	50.4420, 0.2501, 0.2487
Android (android.graphics.Color)	4288855039 (0xFFA2BBFF)
YUV	187.2770, 33.3874, -22.1679
Hunter-Lab	71.0225, 3.1860, -35.1596

Details

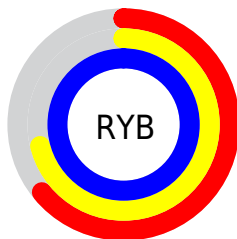
The XYZ color **50.7206, 50.4420, 101.6708** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **76.0590, 80.4628, 45.7064**, and the grayscale version is **47.2240, 49.6833, 54.1051**.

A 20% lighter version of the original color is **79.3140, 86.3813, 107.1007**, and **24.7815, 24.2532, 56.8013** is the 20% darker color. If you saturate the color by 10%, you get **42.3543, 40.6343, 100.2186**, and if you desaturate by 10%, it is **60.6538, 61.8220, 103.3438**.

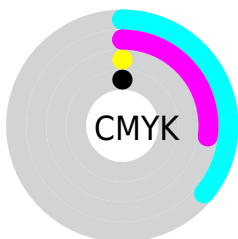
Distribution



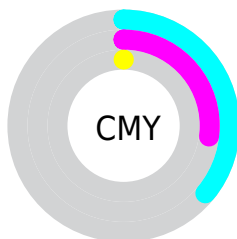
- Red (64%)
- Green (73%)
- Blue (100%)



- Red (64%)
- Yellow (71%)
- Blue (100%)



- Cyan (36%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (36%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.7206, 50.4420, 101.6708 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 50.7206, 50.4420, 101.6708 by changing the saturation by 10% instead.

■ 50.7206, 50.4420,
101.6708

■ 50.7206, 50.4420,
101.6708

379.8829,
388.3919, 586.8286

■ 36.2064, 35.7647,
77.0720

■ 90.4271, 90.8294,
165.5232

■ 24.7645, 24.2525,
56.8000

■ 116.3501,
117.3084, 205.6139

■ 16.0295, 15.5211,
40.4364

146.8068,
148.4900, 251.7056

■ 9.6360, 9.1859,
27.5626

182.1626,
184.7586, 304.2169

■ 5.2187, 4.8626,
17.7601

222.7827,
226.4988, 363.5663

■ 2.4122, 2.1669,
10.6102

269.0325,

■ 0.8512, 0.7019,

274.0948, 430.1724

5.6945

321.2775,
327.9310, 504.4536

■ 0.0000, 0.0000,
2.5945

■ 0.0000, 0.0000,
0.8896

■ 50.7206, 50.4420,
101.6708

■ 50.7206, 50.4420,
101.6708

■ 42.3543, 40.6343,
100.2186

■ 60.6538, 61.8220,
103.3438

■ 35.4667, 32.3210,
98.9770

■ 72.2263, 74.8359,
105.2458

■ 29.9677, 25.4259,
97.9360

■ 85.5116, 89.5489,
107.3855

■ 25.7547, 19.8627,
97.0842

■ 95.0500, 100.0000,
108.9000

■ 22.7094, 15.5347,
96.4093

■ 20.6878, 12.3283,
95.8970

■ 20.1505, 11.4210,
95.7502

Harmonies

Analogous

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



43.8701, 50.4420, 99.9800



50.7206, 50.4420, 101.6708



57.4221, 50.4420, 88.7903

Triad

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



50.7206, 50.4420, 101.6708



58.6440, 50.4420, 33.1438



36.3192, 50.4420, 43.7642

Complementary

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



50.7206, 50.4420, 101.6708



76.0590, 80.4628, 45.7064

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.



39.5702, 50.4420, 30.9919



50.7206, 50.4420, 101.6708



52.2618, 50.4420, 25.9623

Square

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



50.7206, 50.4420, 101.6708



62.2839, 50.4420, 47.4823



45.2699, 50.4420, 25.2839



35.9929, 50.4420, 63.1026

Rectangle

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



50.7206, 50.4420, 101.6708



60.7309, 50.4420, 75.1506



45.2699, 50.4420, 25.2839



37.0904, 50.4420, 38.6954

Sweetspot

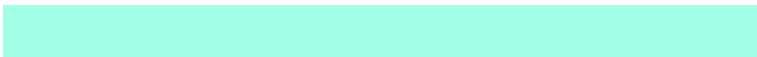
The Sweet Spot groups the original color and five complimentary colors.



50.7221, 50.4439, 101.6710



79.2754, 82.6680, 106.3860



64.7553, 84.8395, 86.8363



16.5838, 17.2685, 22.7090



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.



50.7221, 50.4439, 101.6710



44.2793, 42.9143, 100.5572



50.2986, 43.0258, 100.2615



17.4002, 18.1720, 22.8404



10.6334, 6.1764, 50.0663



1.1209, 0.7725, 4.9033

Inverse Universe

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



63.1310, 50.6901, 53.4724



58.5716, 43.8606, 44.8946



76.4937, 91.7656, 47.8652



18.2099, 18.0673, 19.7225



22.1555, 11.3515, 4.2031



2.2004, 1.1225, 0.6367

Previews

White Background



This preview shows how the XYZ color 50.7206, 50.4420, 101.6708 looks on a white background.

Color Contrast Check

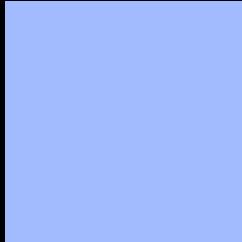
Large Text (above 18pt) WCAG AA × Fail

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 50.7206, 50.4420, 101.6708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

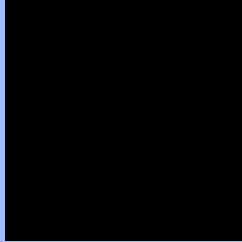
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.7206, 50.4420, 101.6708

Background



This preview shows how black text looks on a background with the XYZ color 50.7206, 50.4420, 101.6708.



This preview shows how white text looks on a background with the XYZ color 50.7206, 50.4420,

101.6708.

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

50.7206, 50.4420, 101.6708

Protanopia

51.3868, 50.1785, 100.7430

Deuteranopia

51.5474, 50.2428, 101.5887



Tritanopia

44.2219, 50.4088, 69.0271

Trichromacy



Original Color

50.7206, 50.4420, 101.6708

Protanomaly

51.1742, 50.3806, 100.7932

Deuteranomaly

51.3348, 50.4448, 101.6389

Tritanomaly

46.4251, 50.3132, 79.9376

Monochromacy



Original Color

50.7206, 50.4420, 101.6708

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

48.0141, 49.7591, 69.3612

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7206, 50.4420, 101.6708 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, 187, 255)` looks like.

```
.text, #text, p{  
    color:rgb(162, 187, 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, 187, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 187, 255) }
```

Border

The CSS property to change the border of an element to XYZ 50.7206, 50.4420, 101.6708 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, 187, 255) }
```


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

```
.border{ border-color:rgb(162, 187, 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, 187, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 187, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 187, 255);  
box-shadow:4px 4px 4px 4px rgb(162, 187,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7206, 50.4420, 101.6708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 187, 255) }
```

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

```
.background{ background-color: rgb(162,  
187, 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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