

Converting Colors

XYZ(55.9491, 55.0809, 97.7312)

Have a look what the booklet for
XYZ(55.9491, 55.0809, 97.7312)
contains.

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Color

**XYZ(56.0924, 55.2324,
98.1470)**

Conversions

Conversions Part 1

Format	Color
Hex	B8C1FA
RGB	184, 193, 250
RGB Percent	72%, 76%, 98%
CMY	0.2784, 0.2431, 0.0196
CMYK	0.26, 0.23, 0.00, 0.02
HSL	232°, 87%, 85%
HSV	232°, 26%, 98%
XYZ	56.0924, 55.2324, 98.1470
YIQ	196.8070, -23.6610, 15.8190

Conversions

Conversions Part 2

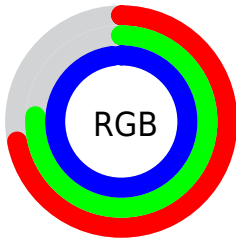
Format	Color
RYB	184, 192, 250
Decimal	12108282
CIELab	79.17, 9.16, -29.10
CIElCh	79, 30.511, 287.471
Yxy	55.2324, 0.2678, 0.2637
Android (android.graphics.Color)	4290298362 (0xFFB8C1FA)
YUV	196.8070, 26.2241, -11.2317
Hunter-Lab	74.3185, 4.6667, -26.2770

Details

The XYZ color **56.0924, 55.2324, 98.1470** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.5321, 86.6956, 57.8911**, and the grayscale version is **52.8131, 55.5635, 60.5086**.

A 20% lighter version of the original color is **88.2013, 93.6721, 108.0396**, and **28.2096, 27.3522, 54.2448** is the 20% darker color. If you saturate the color by 10%, you get **46.1953, 43.5557, 96.4157**, and if you desaturate by 10%, it is **67.7481, 68.8526, 100.1626**.

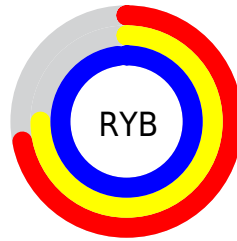
Distribution



Red (72%)

Green (76%)

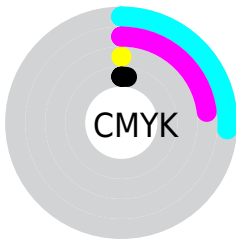
Blue (98%)



Red (72%)

Yellow (75%)

Blue (98%)

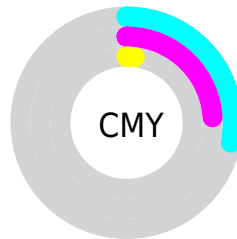


Cyan (26%)

Magenta (23%)

Yellow (0%)

Black (2%)



Cyan (28%)

Magenta (24%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.0924, 55.2324, 98.1470 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 56.0924, 55.2324, 98.1470 by changing the saturation by 10% instead.

■ 56.0924, 55.2324,
98.1470

■ 56.0924, 55.2324,
98.1470

400.1090,
406.7923, 575.4311

■ 40.5143, 39.5878,
74.1457

■ 98.2787, 97.8814,
160.6380

■ 28.1258, 27.2173,
54.4158

125.6176,
125.6546, 199.9648

■ 18.5614, 17.7365,
38.5387

157.6075,
158.2394, 245.2371

■ 11.4559, 10.7610,
26.0960

194.6137,
196.0203, 296.8735

■ 6.4439, 5.9063,
16.6691

237.0016,
239.3816, 355.2926

■ 3.1600, 2.7882,
9.8394

285.1365,

■ 1.2390, 1.0222,

288.7078, 420.9129

5.1884

339.3839,
344.3832, 494.1529

■ 0.1368, 0.0000,
2.2975

■ 0.0000, 0.0000,
0.7298

■ 56.0924, 55.2324,
98.1470

■ 56.0924, 55.2324,
98.1470

■ 46.1953, 43.5557,
96.4157

■ 67.7481, 68.8526,
100.1626

■ 37.9656, 33.7270,
94.9524

■ 81.2369, 84.4926,
102.4705

■ 31.3120, 25.6526,
93.7445

■ 94.2555, 99.6822,
104.7162

■ 26.1323, 19.2280,
92.7775

■ 22.3118, 14.3372,
92.0348

■ 19.7184, 10.8486,
91.4981

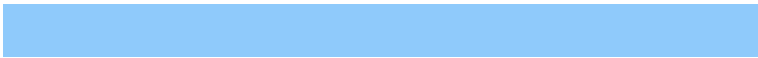
■ 18.1916, 8.6070,
91.1459

■ 17.8303, 8.0518,
91.0578

Harmonies

Analogous

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



49.9966, 55.2324, 99.1885



56.0924, 55.2324, 98.1470



61.6103, 55.2324, 85.7834

Triad

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



56.0924, 55.2324, 98.1470



60.8190, 55.2324, 38.6505



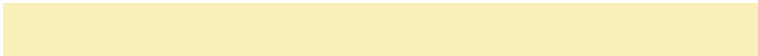
41.8727, 55.2324, 53.1512

Complementary

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



56.0924, 55.2324, 98.1470



79.5321, 86.6956, 57.8911

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.



44.3294, 55.2324, 40.1939



56.0924, 55.2324, 98.1470



55.0789, 55.2324, 32.9763

Square

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



56.0924, 55.2324, 98.1470



64.4808, 55.2324, 50.6193



49.0581, 55.2324, 33.4804



42.0979, 55.2324, 70.7825

Rectangle

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



56.0924, 55.2324, 98.1470



64.0762, 55.2324, 73.9289



49.0581, 55.2324, 33.4804



42.4038, 55.2324, 48.1797

Sweetspot

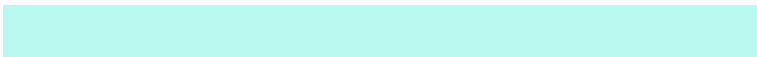
The Sweet Spot groups the original color and five complimentary colors.



56.0942, 55.2346, 98.1483



82.5740, 85.6041, 106.7789



69.6971, 84.8599, 95.2232



17.2027, 17.7771, 22.7746



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.



56.0942, 55.2346, 98.1483



52.6227, 50.6511, 101.6109



60.1573, 54.4645, 97.7855



16.4739, 17.0246, 21.8031



9.5163, 4.3882, 48.3190



0.9383, 0.5203, 4.4941

Inverse Universe

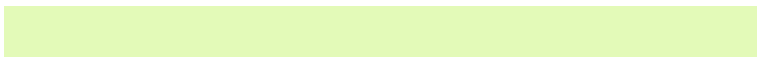
The Inverse Universe completely reimagines the original color for something new.



66.1919, 58.4568, 58.2490



64.9677, 54.7837, 52.7888



74.4856, 88.1476, 58.4374



17.3410, 17.2638, 18.3854



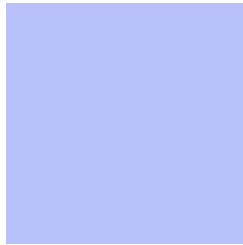
21.0954, 10.8539, 1.9450



1.9825, 1.0168, 0.3314

Previews

White Background



This preview shows how the XYZ color 56.0924, 55.2324, 98.1470 looks on a white background.

Color Contrast Check

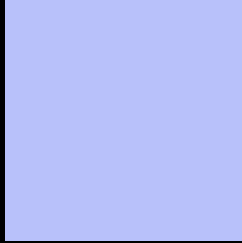
Large Text (above 18pt) WCAG AA × Fail

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 56.0924, 55.2324, 98.1470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

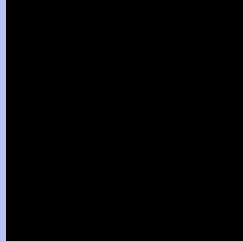
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.0924, 55.2324, 98.1470

Background



This preview shows how black text looks on a background with the XYZ color 56.0924, 55.2324, 98.1470.



This preview shows how white text looks on a background with the XYZ color 56.0924, 55.2324,

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

56.0924, 55.2324, 98.1470

Protanopia

55.7604, 55.3724, 99.0158

Deuteranopia

56.3547, 55.0405, 98.0961



Tritanopia

50.8206, 55.1003, 72.2469

Trichromacy



Original Color

56.0924, 55.2324, 98.1470

Protanomaly

55.9958, 55.4937, 99.0268

Deuteranomaly

56.1125, 54.9157, 98.0848

Tritanomaly

52.7922, 55.2372, 81.2782

Monochromacy



Original Color

56.0924, 55.2324, 98.1470

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.8728, 55.6442, 72.8667

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0924, 55.2324, 98.1470 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(184, 193, 250)` looks like.

```
.text, #text, p{  
    color:rgb(184, 193, 250)  
}
```

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(184, 193, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 193, 250) }
```

Border

The CSS property to change the border of an element to XYZ 56.0924, 55.2324, 98.1470 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(184, 193, 250) }
```


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

```
.border{ border-color:rgb(184, 193, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 193, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 193, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 193, 250);  
box-shadow:4px 4px 4px 4px rgb(184, 193,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0924, 55.2324, 98.1470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 193, 250) }
```

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

```
.background{ background-color: rgb(184,  
193, 250) }
```

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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