

Converting Colors

XYZ(63.0984, 59.4092,
143.0521)

Have a look what the booklet for
XYZ(63.0984, 59.4092, 143.0521)
contains.

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Color

**XYZ(55.4777, 56.4924,
102.5879)**

Conversions

Conversions Part 1

Format	Color
Hex	ADC6FF
RGB	173, 198, 255
RGB Percent	68%, 78%, 100%
CMY	0.3216, 0.2235, 0.0000
CMYK	0.32, 0.22, 0.00, 0.00
HSL	222°, 100%, 84%
HSV	222°, 32%, 100%
XYZ	55.4777, 56.4924, 102.5879
YIQ	197.0230, -33.1970, 12.4270

Conversions

Conversions Part 2

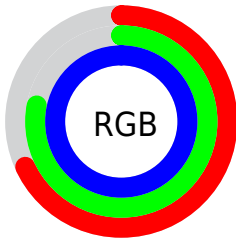
Format	Color
RYB	173, 192, 255
Decimal	11388671
CIELab	79.89, 4.53, -30.74
CIELCh	80, 31.067, 278.377
Yxy	56.4924, 0.2586, 0.2633
Android (android.graphics.Color)	4289578751 (0xFFADC6FF)
YUV	197.0230, 28.5827, -21.0682
Hunter-Lab	75.1614, 0.2209, -28.3120

Details

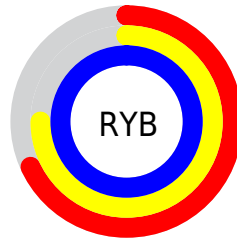
The XYZ color **55.4777, 56.4924, 102.5879** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **77.0801, 80.8710, 51.0842**, and the grayscale version is **52.9335, 55.6902, 60.6466**.

A 20% lighter version of the original color is **86.4431, 95.5630, 108.4972**, and **27.6375, 27.8753, 57.3499** is the 20% darker color. If you saturate the color by 10%, you get **46.5507, 46.2248, 101.0765**, and if you desaturate by 10%, it is **65.9582, 68.2673, 104.3083**.

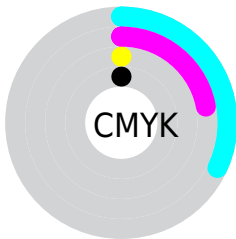
Distribution



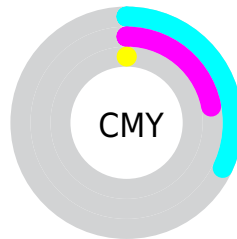
- Red (68%)
- Green (78%)
- Blue (100%)



- Red (68%)
- Yellow (75%)
- Blue (100%)



- Cyan (32%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (32%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.4777, 56.4924, 102.5879 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 55.4777, 56.4924, 102.5879 by changing the saturation by 10% instead.

■ 55.4777, 56.4924,
102.5879

■ 55.4777, 56.4924,
102.5879

397.8272,
411.5445, 589.7756

■ 40.0197, 40.5978,
77.8347

■ 97.3848, 99.7242,
166.7918

■ 27.7382, 28.0050,
57.4225

124.5645,
127.8301, 207.0796

■ 18.2678, 18.3294,
40.9330

156.3822,
160.7754, 253.3826

■ 11.2433, 11.1867,
27.9474

193.2032,
198.9443, 306.1195

■ 6.2992, 6.1926,
18.0473

235.3928,
242.7213, 365.7086

■ 3.0702, 2.9625,
10.8142

283.3164,

■ 1.1910, 1.1122,

292.4907, 432.5687

5.8294

337.3395,
348.6370, 507.1182

■ 0.0993, 0.0000,
2.6745

■ 0.0000, 0.0000,
0.9306

■ 55.4777, 56.4924,
102.5879

■ 55.4777, 56.4924,
102.5879

■ 46.5507, 46.2248,
101.0765

■ 65.9582, 68.2673,
104.3083

■ 39.0946, 37.3938,
99.7650

■ 78.0594, 81.6033,
106.2446

■ 33.0262, 29.9324,
98.6446

■ 91.8501, 96.5591,
108.4045

■ 28.2514, 23.7650,
97.7058

■ 95.0500, 100.0000,
108.9000

■ 24.6635, 18.8073,
96.9380

■ 22.1356, 14.9629,
96.3292

■ 20.7564, 12.6329,
95.9521

Harmonies

Analogous

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



49.3553, 56.4924, 99.7042



55.4777, 56.4924, 102.5879



61.5673, 56.4924, 92.8943

Triad

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



55.4777, 56.4924, 102.5879



63.7560, 56.4924, 42.3969



43.2070, 56.4924, 49.5976

Complementary

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



55.4777, 56.4924, 102.5879



77.0801, 80.8710, 51.0842

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.



46.5229, 56.4924, 38.1354



55.4777, 56.4924, 102.5879



58.2805, 56.4924, 34.5789

Square

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



55.4777, 56.4924, 102.5879



66.5854, 56.4924, 56.5958



51.9496, 56.4924, 33.1880



42.5847, 56.4924, 66.7021

Rectangle

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



55.4777, 56.4924, 102.5879



64.6780, 56.4924, 81.5414



51.9496, 56.4924, 33.1880



44.0304, 56.4924, 45.0623

Sweetspot

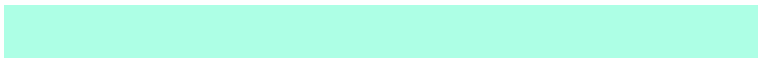
The Sweet Spot groups the original color and five complimentary colors.



55.4794, 56.4945, 102.5882



80.8867, 84.6880, 106.6910



67.1421, 86.0638, 87.2272



16.9166, 17.6944, 22.7737



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.



55.4794, 56.4945, 102.5882



49.2052, 49.3067, 101.5315



53.7423, 47.8046, 101.0024



17.4546, 18.2808, 22.8585



10.9603, 6.8301, 50.1753



1.1586, 0.8480, 4.9159

Inverse Universe

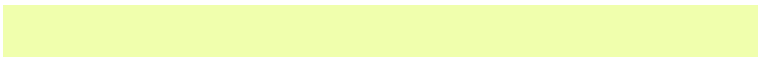
The Inverse Universe completely reimagines the original color for something new.



66.3778, 55.2260, 60.5895



61.9023, 48.4259, 52.4672



79.2273, 93.0568, 53.3232



18.2373, 18.0783, 19.8670



22.3204, 11.4175, 5.0719



2.2194, 1.1301, 0.7370

Previews

White Background



This preview shows how the XYZ color 55.4777, 56.4924, 102.5879 looks on a white background.

Color Contrast Check

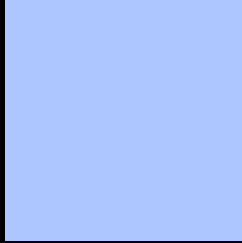
Large Text (above 18pt) WCAG AA × Fail

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 55.4777, 56.4924, 102.5879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

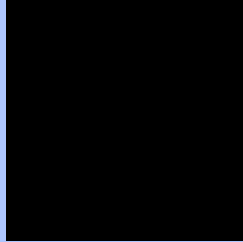
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

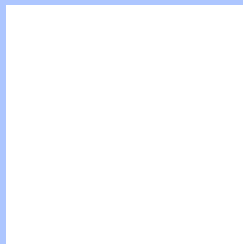
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.4777, 56.4924, 102.5879

Background



This preview shows how black text looks on a background with the XYZ color 55.4777, 56.4924, 102.5879.



This preview shows how white text looks on a background with the XYZ color 55.4777, 56.4924,

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

55.4777, 56.4924, 102.5879

Protanopia

56.9980, 56.6390, 100.8568

Deuteranopia

57.5915, 56.2427, 102.4283



Tritanopia

50.1611, 56.4055, 76.6502

Trichromacy



Original Color

55.4777, 56.4924, 102.5879

Protanomaly

56.4461, 56.6720, 101.7297

Deuteranomaly

56.6212, 56.0740, 102.4468

Tritanomaly

51.9770, 56.4491, 85.2471

Monochromacy



Original Color

55.4777, 56.4924, 102.5879

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.3602, 55.6858, 74.2657

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4777, 56.4924, 102.5879 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(173, 198, 255)` looks like.

```
.text, #text, p{  
    color:rgb(173, 198, 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(173, 198, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 198, 255) }
```

Border

The CSS property to change the border of an element to XYZ 55.4777, 56.4924, 102.5879 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(173, 198, 255) }
```


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

```
.border{ border-color:rgb(173, 198, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 198, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 198, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 198, 255);  
box-shadow:4px 4px 4px 4px rgb(173, 198,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4777, 56.4924, 102.5879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 198, 255) }
```

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

```
.background{ background-color: rgb(173,  
198, 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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