

Converting Colors

XYZ(56.4281, 63.0914,
109.9480)

Have a look what the booklet for
XYZ(56.4281, 63.0914, 109.9480)
contains.

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Color

**XYZ(55.1129, 62.4002,
103.7474)**

Conversions

Conversions Part 1

Format	Color
Hex	97D7FF
RGB	151, 215, 255
RGB Percent	59%, 84%, 100%
CMY	0.4078, 0.1568, 0.0000
CMYK	0.41, 0.16, 0.00, 0.00
HSL	203°, 100%, 80%
HSV	203°, 41%, 100%
XYZ	55.1129, 62.4002, 103.7474
YIQ	200.4240, -50.9840, -1.1280

Conversions

Conversions Part 2

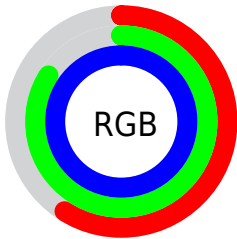
Format	Color
RYB	151, 191, 255
Decimal	9951231
CIELab	83.13, -10.32, -25.90
CIELCh	83, 27.881, 248.264
Yxy	62.4002, 0.2491, 0.2820
Android (android.graphics.Color)	4288141311 (0xFF97D7FF)
YUV	200.4240, 26.9060, -43.3448
Hunter-Lab	78.9938, -13.7021, -22.5735

Details

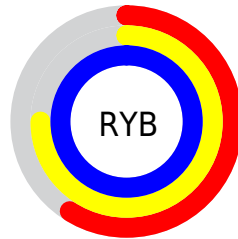
The XYZ color **55.1129, 62.4002, 103.7474** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **65.4572, 60.7563, 37.5572**, and the grayscale version is **55.0244, 57.8899, 63.0421**.

A 20% lighter version of the original color is **80.1045, 92.2953, 108.2006**, and **27.4832, 31.6517, 58.0870** is the 20% darker color. If you saturate the color by 10%, you get **48.4596, 55.3748, 102.7420**, and if you desaturate by 10%, it is **62.9429, 70.2573, 104.8513**.

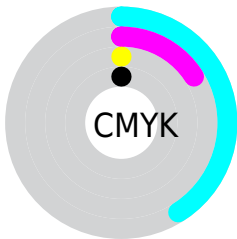
Distribution



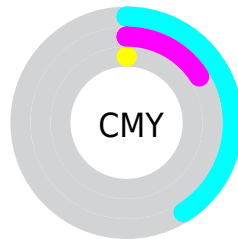
- Red (59%)
- Green (84%)
- Blue (100%)



- Red (59%)
- Yellow (75%)
- Blue (100%)



- Cyan (41%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (41%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.1129, 62.4002, 103.7474 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 55.1129, 62.4002, 103.7474 by changing the saturation by 10% instead.

■ 55.1129, 62.4002,
103.7474

■ 55.1129, 62.4002,
103.7474

396.4692,
433.3894, 593.4905

■ 39.7263, 45.3561,
78.7996

■ 96.8537, 108.3037,
168.3941

■ 27.5085, 31.7380,
58.2107

■ 123.9386,
137.9320, 208.9301

■ 18.0940, 21.1615,
41.5622

155.6538,
172.5238, 255.4992

■ 11.1176, 13.2421,
28.4357

192.3644,
212.4635, 308.5200

■ 6.2139, 7.5955,
18.4124

234.4359,
258.1355, 368.4110

■ 3.0175, 3.8372,
11.0740

282.2336,

■ 1.1630, 1.5829,

309.9242, 435.5907

6.0018

336.1229,
368.2141, 510.4777

■ 0.0769, 0.3460,
2.7774

■ 0.0000, 0.0000,
0.9821

■ 55.1129, 62.4002,
103.7474

■ 55.1129, 62.4002,
103.7474

■ 48.4596, 55.3748,
102.7420

■ 62.9429, 70.2573,
104.8513

■ 42.9085, 49.1345,
101.8301

■ 72.0074, 78.9754,
106.0563

■ 38.3840, 43.6380,
101.0077

■ 82.3667, 88.5906,
107.3663

■ 34.7981, 38.8356,
100.2697

■ 94.0752, 99.1347,
108.7844

■ 32.0454, 34.6689, 95.0500, 100.0000,
99.6105 108.9000

■ 30.0948, 31.3097,
99.0649

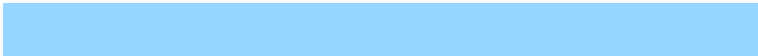
Harmonies

Analogous

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



50.6525, 62.4002, 90.6858



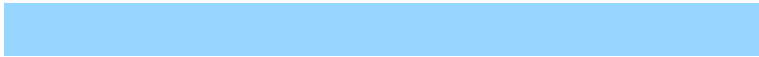
55.1129, 62.4002, 103.7474



60.9941, 62.4002, 106.4476

Triad

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



55.1129, 62.4002, 103.7474



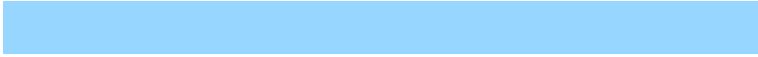
71.5573, 62.4002, 63.2750



52.4060, 62.4002, 45.0366

Complementary

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



55.1129, 62.4002, 103.7474



65.4572, 60.7563, 37.5572

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.



57.6563, 62.4002, 40.0635



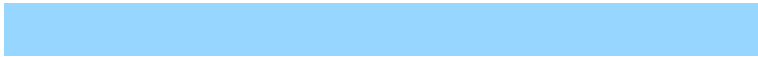
55.1129, 62.4002, 103.7474



68.9007, 62.4002, 49.3613

Square

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



55.1129, 62.4002, 103.7474



70.7614, 62.4002, 81.0161



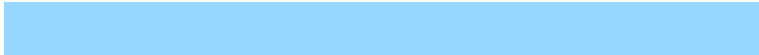
63.7139, 62.4002, 41.5000



49.1651, 62.4002, 56.3582

Rectangle

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



55.1129, 62.4002, 103.7474



64.9791, 62.4002, 101.6398



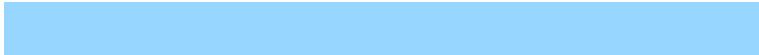
63.7139, 62.4002, 41.5000



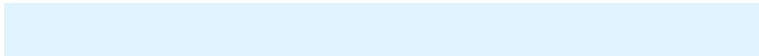
53.9797, 62.4002, 42.6627

Sweetspot

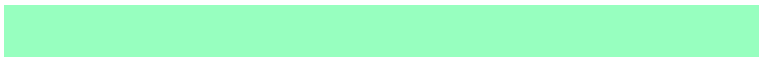
The Sweet Spot groups the original color and five complimentary colors.



55.1147, 62.4025, 103.7478



81.0345, 87.3711, 107.2011



57.9129, 81.8556, 61.9622



17.0435, 18.4242, 22.9079



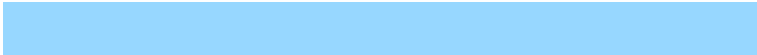
0.0000, 0.0000, 0.0000



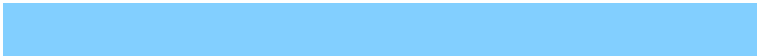
20.3446, 21.4041, 23.3091

Same Dimension

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



55.1147, 62.4025, 103.7478



49.5631, 56.5687, 102.9143



43.9348, 40.0428, 100.0212



17.9338, 19.2393, 23.0183



15.8742, 16.6580, 51.8132



1.6515, 1.8337, 5.0802

Inverse Universe

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



64.5735, 48.3011, 70.2122



60.4850, 41.7409, 63.8650



78.8371, 87.5162, 42.0171



18.4793, 18.1750, 21.1409



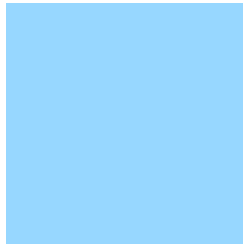
24.8008, 12.4096, 18.1332



2.4682, 1.2297, 2.0469

Previews

White Background



This preview shows how the XYZ color 55.1129, 62.4002, 103.7474 looks on a white background.

Color Contrast Check

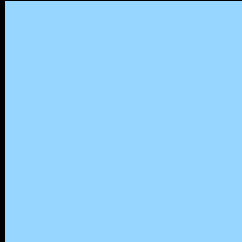
Large Text (above 18pt) WCAG AA × Fail

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 55.1129, 62.4002, 103.7474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

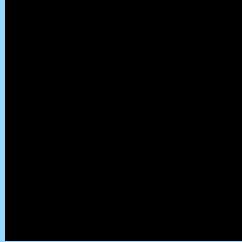
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.1129, 62.4002, 103.7474

Background



This preview shows how black text looks on a background with the XYZ color 55.1129, 62.4002, 103.7474.

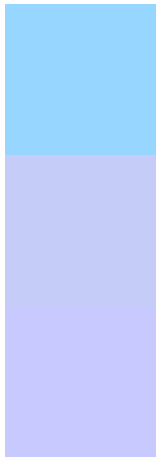


This preview shows how white text looks on a background with the XYZ color 55.1129, 62.4002,

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

55.1129, 62.4002, 103.7474

Protanopia

61.5621, 61.8334, 97.4973

Deuteranopia

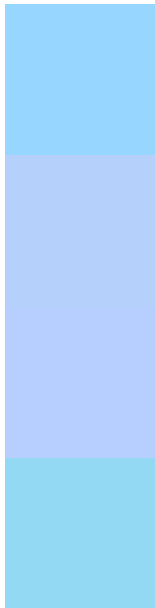
62.9899, 61.7404, 103.2049



Tritanopia

52.0658, 62.3099, 88.6397

Trichromacy



Original Color

55.1129, 62.4002, 103.7474

Protanomaly

58.7909, 61.7801, 100.0929

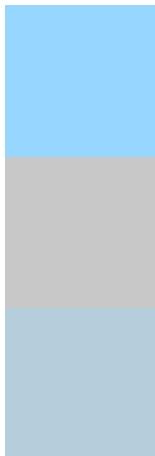
Deuteranomaly

59.6542, 61.7907, 103.3904

Tritanomaly

53.2033, 62.3927, 94.0329

Monochromacy



Original Color

55.1129, 62.4002, 103.7474

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.0410, 58.7750, 76.2066

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1129, 62.4002, 103.7474 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(151, 215, 255)` looks like.

```
.text, #text, p{  
    color:rgb(151, 215, 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(151, 215, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 215, 255) }
```

Border

The CSS property to change the border of an element to XYZ 55.1129, 62.4002, 103.7474 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(151, 215, 255) }
```


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

```
.border{ border-color:rgb(151, 215, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 215, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 215, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 215, 255);  
box-shadow:4px 4px 4px 4px rgb(151, 215,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1129, 62.4002, 103.7474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 215, 255) }
```

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

```
.background{ background-color: rgb(151,  
215, 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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