

Converting Colors

XYZ(55.6999, 59.7773,
103.2102)

Have a look what the booklet for
XYZ(55.6999, 59.7773, 103.2102)
contains.

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Color

**XYZ(55.6727, 59.7382,
103.2041)**

Conversions

Conversions Part 1

Format	Color
Hex	A4CFFF
RGB	164, 207, 255
RGB Percent	64%, 81%, 100%
CMY	0.3568, 0.1882, 0.0000
CMYK	0.36, 0.19, 0.00, 0.00
HSL	212°, 100%, 82%
HSV	212°, 36%, 100%
XYZ	55.6727, 59.7382, 103.2041
YIQ	199.6150, -41.0360, 5.8120

Conversions

Conversions Part 2

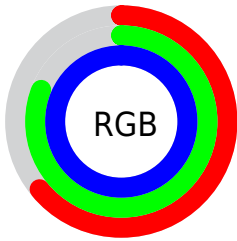
Format	Color
RYB	164, 193, 255
Decimal	10801151
CIELab	81.70, -2.75, -28.02
CIElCh	82, 28.155, 264.387
Yxy	59.7382, 0.2547, 0.2733
Android (android.graphics.Color)	4288991231 (0xFFA4CFFF)
YUV	199.6150, 27.3048, -31.2344
Hunter-Lab	77.2905, -6.6840, -25.0651

Details

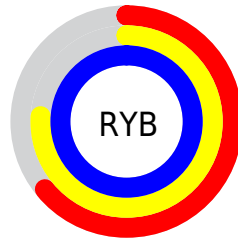
The XYZ color **55.6727, 59.7382, 103.2041** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **71.4848, 71.0276, 45.0660**, and the grayscale version is **54.5202, 57.3595, 62.4645**.

A 20% lighter version of the original color is **83.6288, 94.1122, 108.3655**, and **27.8909, 30.1109, 57.7681** is the 20% darker color. If you saturate the color by 10%, you get **47.8074, 51.0516, 101.9420**, and if you desaturate by 10%, it is **64.8740, 69.5284, 104.6088**.

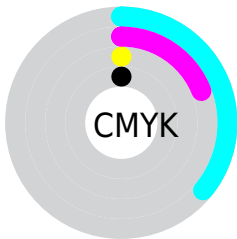
Distribution



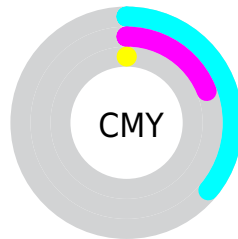
- Red (64%)
- Green (81%)
- Blue (100%)



- Red (64%)
- Yellow (76%)
- Blue (100%)



- Cyan (36%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (36%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.6727, 59.7382, 103.2041 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 55.6727, 59.7382, 103.2041 by changing the saturation by 10% instead.

■ 55.6727, 59.7382,
103.2041

■ 55.6727, 59.7382,
103.2041

398.5519,
423.6321, 591.7514

■ 40.1765, 43.2077,
78.3474

■ 97.6685, 104.4498,
167.6436

■ 27.8610, 30.0481,
57.8412

■ 124.8988,
133.3996, 208.0634

■ 18.3609, 19.8751,
41.2672

156.7712,
167.2580, 254.5080

■ 11.3106, 12.3043,
28.2066

193.6510,
206.4094, 307.3959

■ 6.3450, 6.9513,
18.2411

235.9036,
251.2381, 367.1456

■ 3.0986, 3.4316,
10.9520

283.8944,

■ 1.2061, 1.3610,

302.1285, 434.1758

5.9208

337.9887,
359.4650, 508.9048

■ 0.1112, 0.1877,
2.7290

■ 0.0000, 0.0000,
0.9580

■ 55.6727, 59.7382,
103.2041

■ 55.6727, 59.7382,
103.2041

■ 47.8074, 51.0516,
101.9420

■ 64.8740, 69.5284,
104.6088

■ 41.2028, 43.4153,
100.8161

■ 75.4710, 80.4587,
106.1601

■ 35.7830, 36.7812,
99.8213

■ 87.5257, 92.5719,
107.8628

■ 31.4614, 31.0934,
98.9512

95.0500, 100.0000,
108.9000

■ 28.1374, 26.2884,
98.1989

■ 25.6878, 22.2906,
97.5564

■ 24.8266, 20.7733,
97.3089

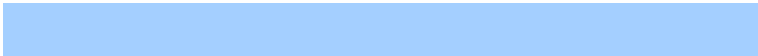
Harmonies

Analogous

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



50.4024, 59.7382, 95.3275



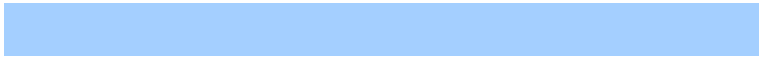
55.6727, 59.7382, 103.2041



61.6128, 59.7382, 99.5032

Triad

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



55.6727, 59.7382, 103.2041



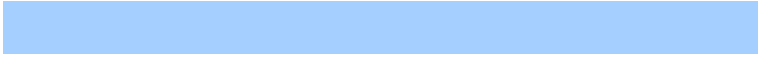
67.7965, 59.7382, 52.4855



48.0148, 59.7382, 47.8405

Complementary

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



55.6727, 59.7382, 103.2041



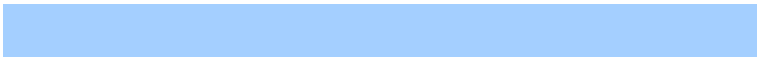
71.4848, 71.0276, 45.0660

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.



52.2056, 59.7382, 39.6312



55.6727, 59.7382, 103.2041



63.6727, 59.7382, 41.9685

Square

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



55.6727, 59.7382, 103.2041



68.8844, 59.7382, 68.2874



57.9006, 59.7382, 37.6848



46.1826, 59.7382, 61.9064

Rectangle

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



55.6727, 59.7382, 103.2041



65.1242, 59.7382, 91.2488



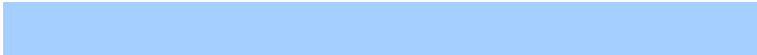
57.9006, 59.7382, 37.6848



49.1797, 59.7382, 44.4092

Sweetspot

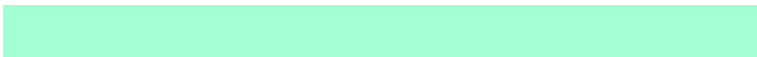
The Sweet Spot groups the original color and five complimentary colors.



55.6744, 59.7404, 103.2044



80.9332, 85.9836, 106.9386



62.8309, 84.1170, 74.5650



16.9775, 18.0560, 22.8403



0.0000, 0.0000, 0.0000



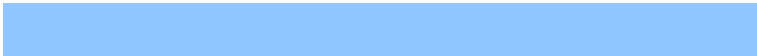
20.3446, 21.4041, 23.3091

Same Dimension

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



55.6744, 59.7404, 103.2044



49.7925, 53.2789, 102.2673



46.9518, 41.8277, 100.2067



17.7109, 18.7934, 22.9440



13.1193, 11.1482, 50.8949



1.3858, 1.3022, 4.9916

Inverse Universe

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



65.7791, 52.3176, 65.6653



61.5159, 45.6567, 58.4926



83.1454, 95.1740, 49.1121



18.3667, 18.1300, 20.5483



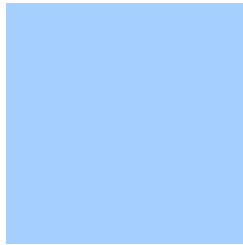
23.4102, 11.8534, 10.8107



2.3341, 1.1760, 1.3406

Previews

White Background



This preview shows how the XYZ color 55.6727, 59.7382, 103.2041 looks on a white background.

Color Contrast Check

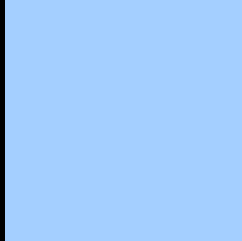
Large Text (above 18pt) WCAG AA × Fail

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 55.6727, 59.7382, 103.2041 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

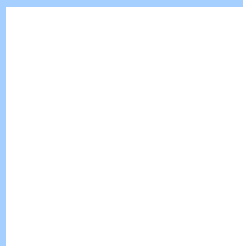
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.6727, 59.7382, 103.2041

Background



This preview shows how black text looks on a background with the XYZ color 55.6727, 59.7382, 103.2041.



This preview shows how white text looks on a background with the XYZ color 55.6727, 59.7382,

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

55.6727, 59.7382, 103.2041

Protanopia

59.3955, 59.2870, 98.7555

Deuteranopia

60.7216, 59.5362, 102.8990



Tritanopia

51.7869, 60.0132, 82.9830

Trichromacy



Original Color

55.6727, 59.7382, 103.2041

Protanomaly

57.9827, 59.5639, 100.5364

Deuteranomaly

58.6990, 59.5283, 103.0041

Tritanomaly

52.9764, 59.7398, 89.6277

Monochromacy



Original Color

55.6727, 59.7382, 103.2041

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.7677, 58.4440, 76.1044

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6727, 59.7382, 103.2041 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(164, 207, 255)` looks like.

```
.text, #text, p{  
    color:rgb(164, 207, 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(164, 207, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 207, 255) }
```

Border

The CSS property to change the border of an element to XYZ 55.6727, 59.7382, 103.2041 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(164, 207, 255) }
```


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

```
.border{ border-color:rgb(164, 207, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 207, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 207, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 207, 255);  
box-shadow:4px 4px 4px 4px rgb(164, 207,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6727, 59.7382, 103.2041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 207, 255) }
```

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

```
.background{ background-color: rgb(164,  
207, 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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