

Converting Colors

XYZ(55.2215, 59.8203,
103.2437)

Have a look what the booklet for
XYZ(55.2215, 59.8203, 103.2437)
contains.

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Color

**XYZ(55.3038, 59.9088,
103.2565)**

Conversions

Conversions Part 1

Format	Color
Hex	A1D0FF
RGB	161, 208, 255
RGB Percent	63%, 82%, 100%
CMY	0.3686, 0.1843, 0.0000
CMYK	0.37, 0.18, 0.00, 0.00
HSL	210°, 100%, 82%
HSV	210°, 37%, 100%
XYZ	55.3038, 59.9088, 103.2565
YIQ	199.3050, -43.0990, 4.6530

Conversions

Conversions Part 2

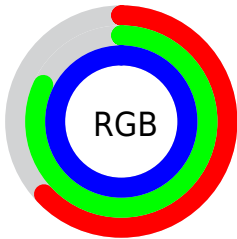
Format	Color
R_{YB}	161, 192, 255
Decimal	10604799
CIE _{Lab}	81.79, -4.08, -27.89
CIE _{LCh}	82, 28.190, 261.677
Yxy	59.9088, 0.2531, 0.2742
Android (android.graphics.Color)	4288794879 (0xFFA1D0FF)
YUV	199.3050, 27.4576, -33.5935
Hunter-Lab	77.4008, -7.9109, -24.9153

Details

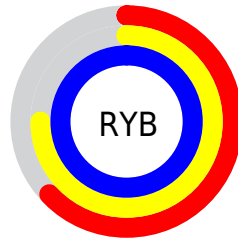
The XYZ color **55.3038, 59.9088, 103.2565** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **70.2293, 68.9453, 43.3264**, and the grayscale version is **54.3303, 57.1597, 62.2469**.

A 20% lighter version of the original color is **82.7234, 93.6454, 108.3231**, and **27.6925, 30.2526, 57.8059** is the 20% darker color. If you saturate the color by 10%, you get **47.6951, 51.5570, 102.0454**, and if you desaturate by 10%, it is **64.2137, 69.3050, 104.6005**.

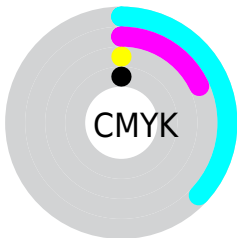
Distribution



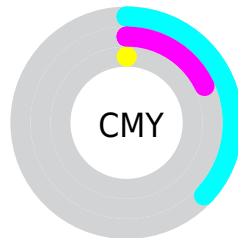
- Red (63%)
- Green (82%)
- Blue (100%)



- Red (63%)
- Yellow (75%)
- Blue (100%)



- Cyan (37%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (37%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.3038, 59.9088, 103.2565 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 55.3038, 59.9088, 103.2565 by changing the saturation by 10% instead.

■ 55.3038, 59.9088,
103.2565

■ 55.3038, 59.9088,
103.2565

397.1802,
424.2615, 591.9192

■ 39.8798, 43.3451,
78.3910

■ 97.1317, 104.6974,
167.7160

■ 27.6286, 30.1560,
57.8768

■ 124.2662,
133.6910, 208.1470

■ 18.1849, 19.9570,
41.2956

156.0351,
167.5968, 254.6036

■ 11.1833, 12.3638,
28.2287

192.8035,
206.7992, 307.5043

■ 6.2585, 6.9920,
18.2576

234.9368,
251.6824, 367.2677

■ 3.0450, 3.4571,
10.9637

282.8005,

■ 1.1776, 1.3748,

302.6309, 434.3123

5.9286

336.7598,
360.0292, 509.0566

■ 0.0886, 0.1980,
2.7336

■ 0.0000, 0.0000,
0.9603

■ 55.3038, 59.9088,
103.2565

■ 55.3038, 59.9088,
103.2565

■ 47.6951, 51.5570,
102.0454

■ 64.2137, 69.3050,
104.6005

■ 41.3124, 44.1982,
100.9615

■ 74.4840, 79.7806,
106.0812

■ 36.0803, 37.7858,
99.9995

■ 86.1762, 91.3766,
107.7032

■ 31.9118, 32.2657,
99.1537

95.0500, 100.0000,
108.9000

■ 28.7055, 27.5758,
98.4175

■ 26.3347, 23.6406,
97.7828

■ 25.7047, 22.5294,
97.6016

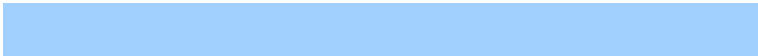
Harmonies

Analogous

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



50.1470, 59.9088, 94.4141



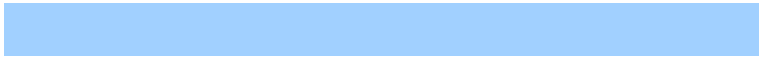
55.3038, 59.9088, 103.2565



61.2667, 59.9088, 100.6046

Triad

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



55.3038, 59.9088, 103.2565



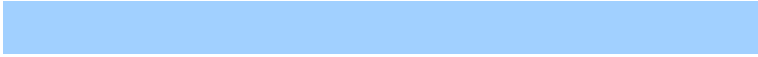
68.2317, 59.9088, 53.8757



48.4406, 59.9088, 46.9725

Complementary

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



55.3038, 59.9088, 103.2565



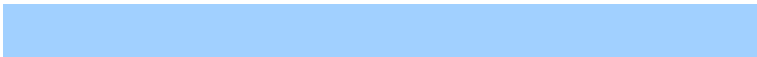
70.2293, 68.9453, 43.3264

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.



52.8249, 59.9088, 39.3047



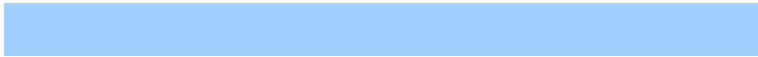
55.3038, 59.9088, 103.2565



64.3236, 59.9088, 42.7811

Square

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



55.3038, 59.9088, 103.2565



69.0104, 59.9088, 70.0820



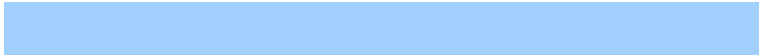
58.6113, 59.9088, 37.9164



46.3688, 59.9088, 60.6082

Rectangle

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



55.3038, 59.9088, 103.2565



64.8810, 59.9088, 92.8474



58.6113, 59.9088, 37.9164



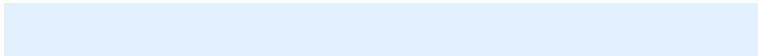
49.6777, 59.9088, 43.7173

Sweetspot

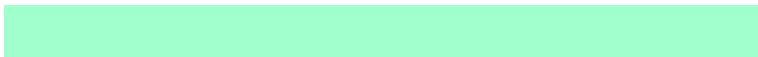
The Sweet Spot groups the original color and five complimentary colors.



55.3055, 59.9110, 103.2568



81.1608, 86.4388, 107.0145



61.6523, 83.5749, 71.5524



17.0317, 18.1644, 22.8584



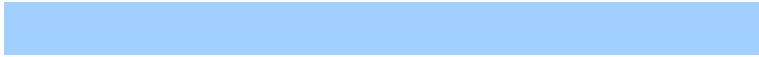
0.0000, 0.0000, 0.0000



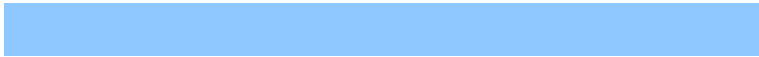
20.3446, 21.4041, 23.3091

Same Dimension

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



55.3055, 59.9110, 103.2568



49.7440, 53.8436, 102.3788



45.7698, 40.8397, 100.0783



17.7534, 18.8785, 22.9582



13.5806, 12.0707, 51.0487



1.4315, 1.3937, 5.0068

Inverse Universe

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



65.3712, 51.3054, 66.1344



61.3299, 44.9639, 59.4196



82.9356, 94.3579, 47.5618



18.3882, 18.1386, 20.6614



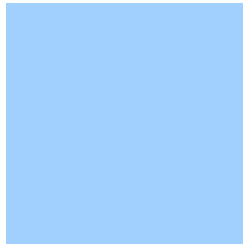
23.6430, 11.9465, 12.0366



2.3572, 1.1852, 1.4622

Previews

White Background



This preview shows how the XYZ color 55.3038, 59.9088, 103.2565 looks on a white background.

Color Contrast Check

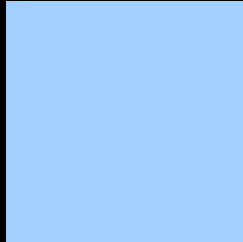
Large Text (above 18pt) WCAG AA × Fail

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 55.3038, 59.9088, 103.2565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

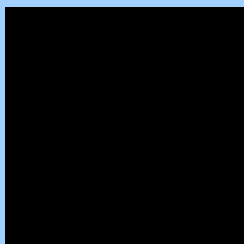
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

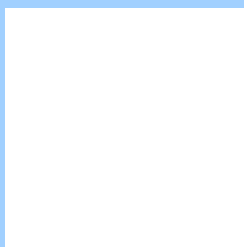
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.3038, 59.9088, 103.2565

Background



This preview shows how black text looks on a background with the XYZ color 55.3038, 59.9088, 103.2565.



This preview shows how white text looks on a background with the XYZ color 55.3038, 59.9088,

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

55.3038, 59.9088, 103.2565

Protanopia

59.6278, 59.7518, 98.8330

Deuteranopia

60.7216, 59.5362, 102.8990



Tritanopia

51.3440, 59.7687, 83.6933

Trichromacy



Original Color

55.3038, 59.9088, 103.2565

Protanomaly

57.9859, 59.9173, 100.6045

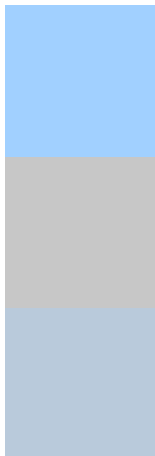
Deuteranomaly

58.4619, 59.4061, 102.9930

Tritanomaly

52.7789, 59.9886, 90.4586

Monochromacy



Original Color

55.3038, 59.9088, 103.2565

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.9143, 57.6698, 75.3076

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3038, 59.9088, 103.2565 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(161, 208, 255)` looks like.

```
.text, #text, p{  
    color:rgb(161, 208, 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(161, 208, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 208, 255) }
```

Border

The CSS property to change the border of an element to XYZ 55.3038, 59.9088, 103.2565 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(161, 208, 255) }
```


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

```
.border{ border-color:rgb(161, 208, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 208, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 208, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 208, 255);  
box-shadow:4px 4px 4px 4px rgb(161, 208,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3038, 59.9088, 103.2565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 208, 255) }
```

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

```
.background{ background-color: rgb(161,  
208, 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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