

Converting Colors

XYZ(55.0052, 65.7889,
102.7814)

Have a look what the booklet for
XYZ(55.0052, 65.7889, 102.7814)
contains.

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Color

**XYZ(55.0327, 65.8921,
102.7464)**

Conversions

Conversions Part 1

Format	Color
Hex	8BE0FD
RGB	139, 224, 253
RGB Percent	55%, 88%, 99%
CMY	0.4549, 0.1216, 0.0078
CMYK	0.45, 0.11, 0.00, 0.01
HSL	195°, 97%, 77%
HSV	195°, 45%, 99%
XYZ	55.0327, 65.8921, 102.7464
YIQ	201.8910, -59.9690, -9.0010

Conversions

Conversions Part 2

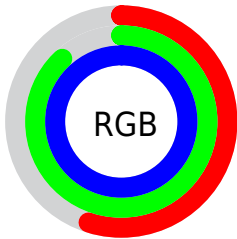
Format	Color
R _Y B	139, 188, 253
Decimal	9167101
CIE Lab	84.94, -18.35, -22.13
CIE LCh	85, 28.752, 230.334
Yxy	65.8921, 0.2460, 0.2946
Android (android.graphics.Color)	4287357181 (0xFF8BE0FD)
YUV	201.8910, 25.1967, -55.1554
Hunter-Lab	81.1739, -21.0385, -18.2249

Details

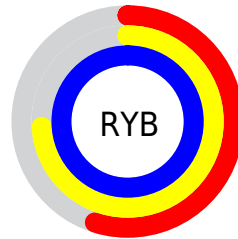
The XYZ color **55.0327, 65.8921, 102.7464** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **59.1722, 50.7534, 31.1056**, and the grayscale version is **55.9475, 58.8612, 64.0998**.

A 20% lighter version of the original color is **76.8360, 90.6103, 108.0476**, and **27.4600, 34.0669, 57.3528** is the 20% darker color. If you saturate the color by 10%, you get **49.5904, 60.5686, 102.0069**, and if you desaturate by 10%, it is **61.5220, 71.8554, 103.5566**.

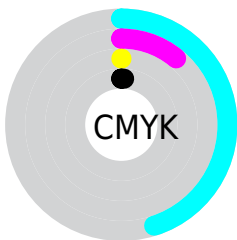
Distribution



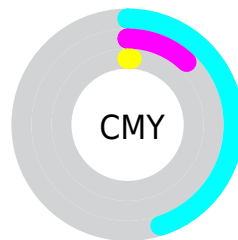
- Red (55%)
- Green (88%)
- Blue (99%)



- Red (55%)
- Yellow (74%)
- Blue (99%)



- Cyan (45%)
- Magenta (11%)
- Yellow (0%)
- Black (1%)



- Cyan (45%)
- Magenta (12%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.0327, 65.8921, 102.7464 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 55.0327, 65.8921, 102.7464 by changing the saturation by 10% instead.

55.0327, 65.8921,
102.7464

55.0327, 65.8921,
102.7464

396.1703,
445.9909, 590.2842

39.6618, 48.1848,
77.9665

96.7369, 113.3315,
167.0110

27.4580, 33.9733,
57.5302

123.8010,
143.8323, 207.3327

18.0559, 22.8731,
41.0189

155.4935,
179.3665, 253.6722

11.0900, 14.4998,
28.0140

192.1798,
220.3184, 306.4479

6.1952, 8.4691,
18.0971

234.2253,
267.0724, 366.0785

3.0059, 4.3966,
10.8496

281.9953,

1.1569, 1.8978,

320.0128, 432.9823

5.8529

335.8552,
379.5242, 507.5780

■ 0.0719, 0.5470,
2.6885

■ 0.0000, 0.0000,
0.9376

■ 55.0327, 65.8921,
102.7464

■ 55.0327, 65.8921,
102.7464

■ 49.5904, 60.5686,
102.0069

■ 61.5220, 71.8554,
103.5566

■ 45.1199, 55.8408,
101.3299

■ 69.1146, 78.4844,
104.4359

■ 41.5452, 51.6698,
100.7133

■ 77.8701, 85.8120,
105.3889

■ 38.7758, 48.0079,
100.1524

■ 87.8417, 93.8669,
106.4180

■ 36.6999, 44.7964,
99.6419

94.7298, 99.8719,
107.2141

■ 35.8511, 43.3344,
99.4045

Harmonies

Analogous

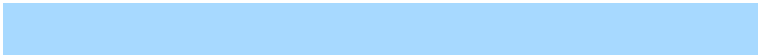
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



51.6926, 65.8921, 84.8246



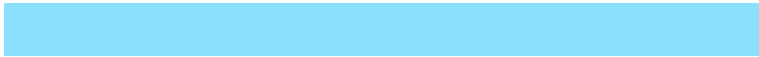
55.0327, 65.8921, 102.7464



60.5668, 65.8921, 112.8183

Triad

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



55.0327, 65.8921, 102.7464



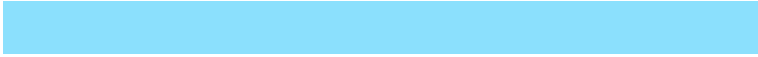
75.6830, 65.8921, 77.8830



58.4123, 65.8921, 43.3009

Complementary

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



55.0327, 65.8921, 102.7464



59.1722, 50.7534, 31.1056

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.



64.7364, 65.8921, 42.0903



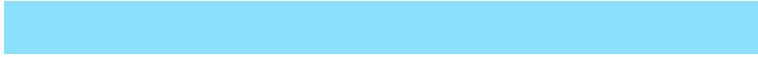
55.0327, 65.8921, 102.7464



75.0072, 65.8921, 60.0847

Square

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



55.0327, 65.8921, 102.7464



72.6806, 65.8921, 96.9207



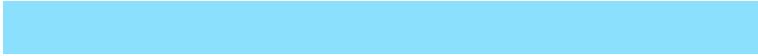
70.8928, 65.8921, 47.7063



53.5487, 65.8921, 51.3571

Rectangle

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



55.0327, 65.8921, 102.7464



64.8822, 65.8921, 112.7210



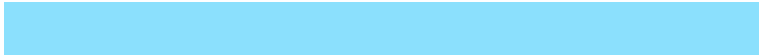
70.8928, 65.8921, 47.7063



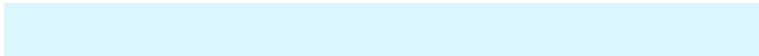
60.4275, 65.8921, 42.1408

Sweetspot

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



55.0348, 65.8946, 102.7480



80.2849, 88.1888, 107.3984



52.7958, 78.5495, 49.1829



16.7444, 18.5146, 22.9411



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.



55.0348, 65.8946, 102.7480



51.0125, 62.1948, 103.9239



42.2894, 40.4038, 98.4995



18.1407, 19.6530, 23.0872



19.1942, 23.2980, 52.9199



1.9563, 2.4433, 5.1818

Inverse Universe

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



63.1969, 44.7316, 75.8268



60.5510, 39.2185, 72.0698



71.9599, 76.3288, 35.3682



18.5837, 18.2168, 21.6907



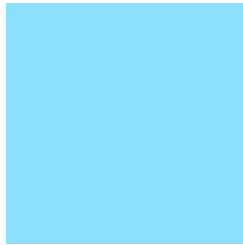
26.4765, 13.0799, 26.9576



2.6221, 1.2912, 2.8571

Previews

White Background



This preview shows how the XYZ color 55.0327, 65.8921, 102.7464 looks on a white background.

Color Contrast Check

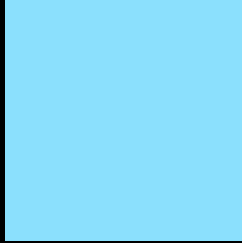
Large Text (above 18pt) WCAG AA × Fail

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 55.0327, 65.8921, 102.7464 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 55.0327, 65.8921, 102.7464

Background



This preview shows how black text looks on a background with the XYZ color 55.0327, 65.8921, 102.7464.

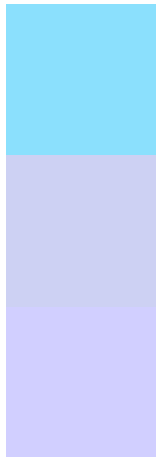


This preview shows how white text looks on a background with the XYZ color 55.0327, 65.8921,

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

55.0327, 65.8921, 102.7464

Protanopia

64.1550, 65.0511, 93.9688

Deuteranopia

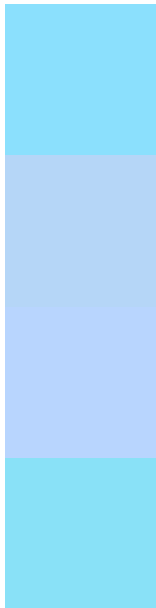
66.6573, 65.4010, 103.7182



Tritanopia

53.6788, 66.1586, 95.5287

Trichromacy



Original Color

55.0327, 65.8921, 102.7464

Protanomaly

59.8911, 64.6323, 97.3144

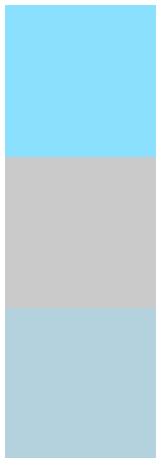
Deuteranomaly

61.4508, 64.9346, 103.0608

Tritanomaly

54.0302, 65.8842, 97.8649

Monochromacy



Original Color

55.0327, 65.8921, 102.7464

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

54.6881, 60.8974, 77.2786

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.0327, 65.8921, 102.7464 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(139, 224, 253)` looks like.

```
.text, #text, p{  
    color:rgb(139, 224, 253)  
}
```

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(139, 224, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 224, 253) }
```

Border

The CSS property to change the border of an element to XYZ 55.0327, 65.8921, 102.7464 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(139, 224, 253) }
```


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

```
.border{ border-color:rgb(139, 224, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 224, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 224, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 224, 253);  
box-shadow:4px 4px 4px 4px rgb(139, 224,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 55.0327, 65.8921, 102.7464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 224, 253) }
```

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

```
.background{ background-color: rgb(139,  
224, 253) }
```

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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