

Converting Colors

XYZ(55.6674, 63.3223,
101.3862)

Have a look what the booklet for
XYZ(55.6674, 63.3223, 101.3862)
contains.

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Color

**XYZ(55.7100, 63.5240,
101.4206)**

Conversions

Conversions Part 1

Format	Color
Hex	9AD9FC
RGB	154, 217, 252
RGB Percent	60%, 85%, 99%
CMY	0.3961, 0.1490, 0.0118
CMYK	0.39, 0.14, 0.00, 0.01
HSL	201°, 94%, 80%
HSV	201°, 39%, 99%
XYZ	55.7100, 63.5240, 101.4206
YIQ	202.1530, -48.7830, -2.4710

Conversions

Conversions Part 2

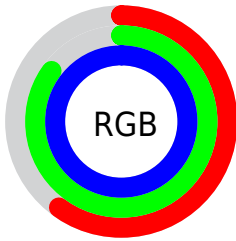
Format	Color
RYB	154, 192, 252
Decimal	10148348
CIELab	83.72, -11.37, -23.40
CIElCh	84, 26.014, 244.072
Yxy	63.5240, 0.2525, 0.2879
Android (android.graphics.Color)	4288338428 (0xFF9AD9FC)
YUV	202.1530, 24.5746, -42.2302
Hunter-Lab	79.7019, -14.7106, -19.6551

Details

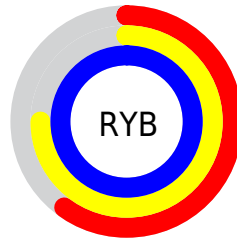
The XYZ color **55.7100, 63.5240, 101.4206** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **64.1766, 59.4251, 38.6616**, and the grayscale version is **56.1095, 59.0315, 64.2853**.

A 20% lighter version of the original color is **80.6740, 92.5889, 108.2272**, and **27.8077, 32.3775, 56.4136** is the 20% darker color. If you saturate the color by 10%, you get **49.1513, 56.7939, 100.4684**, and if you desaturate by 10%, it is **63.4060, 71.0311, 102.4651**.

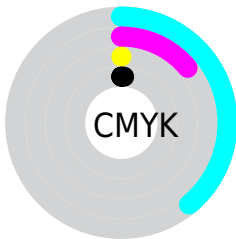
Distribution



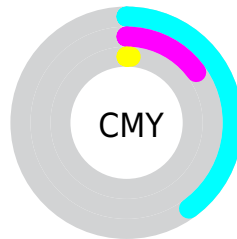
- Red (60%)
- Green (85%)
- Blue (99%)



- Red (60%)
- Yellow (75%)
- Blue (99%)



- Cyan (39%)
- Magenta (14%)
- Yellow (0%)
- Black (1%)



- Cyan (40%)
- Magenta (15%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.7100, 63.5240, 101.4206 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 55.7100, 63.5240, 101.4206 by changing the saturation by 10% instead.

■ 55.7100, 63.5240,
101.4206

■ 55.7100, 63.5240,
101.4206

398.6905,
437.4687, 586.0232

■ 40.2065, 46.2653,
76.8640

■ 97.7227, 109.9251,
165.1769

■ 27.8845, 32.4552,
56.6304

■ 124.9627,
139.8363, 205.2137

■ 18.3787, 21.7094,
40.3012

156.8455,
174.7337, 251.2476

■ 11.3235, 13.6435,
27.4579

193.7366,
215.0018, 303.6972

■ 6.3538, 7.8732,
17.6819

236.0013,
261.0250, 362.9811

■ 3.1041, 4.0139,
10.5548

284.0049,

■ 1.2090, 1.6813,

313.1876, 429.5176

5.6579

338.1129,
371.8740, 503.7255

■ 0.1135, 0.4115,
2.5728

■ 0.0000, 0.0000,
0.8784

■ 55.7100, 63.5240,
101.4206

■ 55.7100, 63.5240,
101.4206

■ 49.1513, 56.7939,
100.4684

■ 63.4060, 71.0311,
102.4651

■ 43.6584, 50.7966,
99.6003

■ 72.2931, 79.3415,
103.6008

■ 39.1604, 45.4941,
98.8138

■ 82.4290, 88.4892,
104.8322

■ 35.5747, 40.8405,
98.1046

■ 93.8654, 98.5037,
106.1625

■ 32.8034, 36.7823,
97.4674

94.5709, 99.8084,
106.3771

■ 30.7041, 33.2427,
96.8948

■ 30.4919, 32.8704,
96.8341

Harmonies

Analogous

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



51.7444, 63.5240, 88.2900



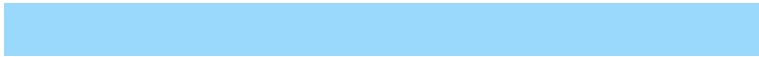
55.7100, 63.5240, 101.4206



61.1596, 63.5240, 105.4493

Triad

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



55.7100, 63.5240, 101.4206



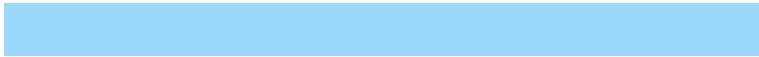
71.9864, 63.5240, 66.9610



54.4417, 63.5240, 46.2831

Complementary

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



55.7100, 63.5240, 101.4206



64.1766, 59.4251, 38.6616

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.



59.6024, 63.5240, 42.3379



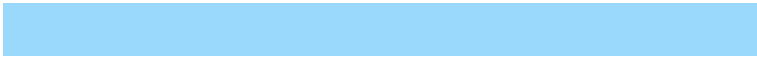
55.7100, 63.5240, 101.4206



69.9215, 63.5240, 53.0259

Square

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



55.7100, 63.5240, 101.4206



70.7836, 63.5240, 83.8230



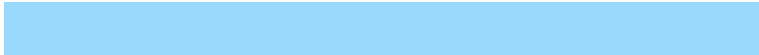
65.2990, 63.5240, 44.5981



51.0451, 63.5240, 56.3271

Rectangle

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



55.7100, 63.5240, 101.4206



64.9607, 63.5240, 101.9761



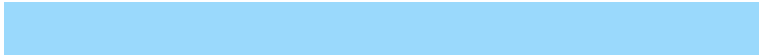
65.2990, 63.5240, 44.5981



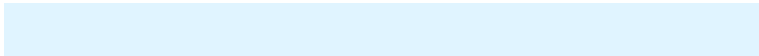
56.0154, 63.5240, 44.2783

Sweetspot

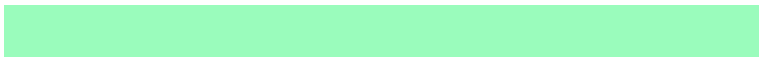
The Sweet Spot groups the original color and five complimentary colors.



55.7120, 63.5265, 101.4221



81.2869, 87.8759, 107.2852



57.2480, 80.1361, 60.1992



17.1030, 18.5432, 22.9277



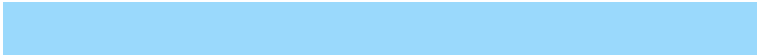
0.0000, 0.0000, 0.0000



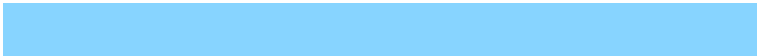
20.3446, 21.4041, 23.3091

Same Dimension

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



55.7120, 63.5265, 101.4221



51.6588, 59.5693, 103.3831



45.0312, 42.1648, 97.8618



17.2139, 18.5046, 22.0498



16.0278, 17.4112, 50.4895



1.5846, 1.8128, 4.7096

Inverse Universe

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



64.2266, 48.8184, 71.6859



61.8336, 43.3933, 67.5351



76.3501, 83.7723, 42.7194



17.7145, 17.4132, 20.3523



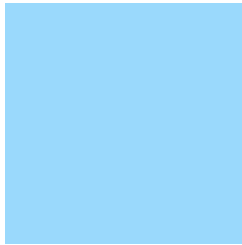
24.3821, 12.1686, 19.2525



2.3087, 1.1472, 2.0492

Previews

White Background



This preview shows how the XYZ color 55.7100, 63.5240, 101.4206 looks on a white background.

Color Contrast Check

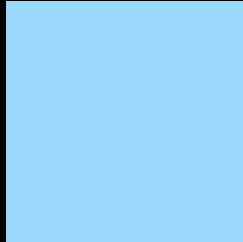
Large Text (above 18pt) WCAG AA × Fail

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 55.7100, 63.5240, 101.4206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

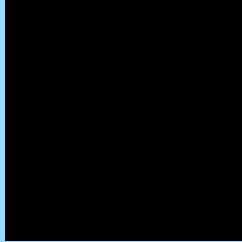
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.7100, 63.5240, 101.4206

Background



This preview shows how black text looks on a background with the XYZ color 55.7100, 63.5240, 101.4206.



This preview shows how white text looks on a background with the XYZ color 55.7100, 63.5240,

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

55.7100, 63.5240, 101.4206

Protanopia

62.3722, 63.0145, 95.2619

Deuteranopia

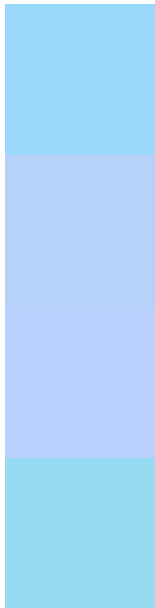
64.5447, 63.2431, 103.4130



Tritanopia

53.4569, 63.7849, 89.6150

Trichromacy



Original Color

55.7100, 63.5240, 101.4206

Protanomaly

59.5183, 62.9378, 97.8182

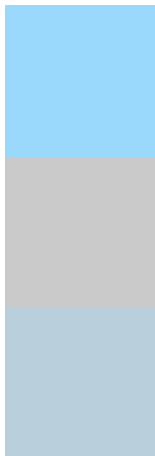
Deuteranomaly

60.9396, 63.1958, 102.7521

Tritanomaly

54.1210, 63.6531, 93.4382

Monochromacy



Original Color

55.7100, 63.5240, 101.4206

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.2387, 60.1072, 76.4006

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7100, 63.5240, 101.4206 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(154, 217, 252)` looks like.

```
.text, #text, p{  
    color:rgb(154, 217, 252)  
}
```

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(154, 217, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 217, 252) }
```

Border

The CSS property to change the border of an element to XYZ 55.7100, 63.5240, 101.4206 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(154, 217, 252) }
```


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

```
.border{ border-color:rgb(154, 217, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 217, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 217, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 217, 252);  
box-shadow:4px 4px 4px 4px rgb(154, 217,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7100, 63.5240, 101.4206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 217, 252) }
```

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

```
.background{ background-color: rgb(154,  
217, 252) }
```

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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