

Converting Colors

XYZ(55.8757, 63.0906, 97.4122)

Have a look what the booklet for
XYZ(55.8757, 63.0906, 97.4122)
contains.

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Color

**XYZ(55.7869, 62.8933,
97.1950)**

Conversions

Conversions Part 1

Format	Color
Hex	A1D7F7
RGB	161, 215, 247
RGB Percent	63%, 84%, 97%
CMY	0.3686, 0.1568, 0.0314
CMYK	0.35, 0.13, 0.00, 0.03
HSL	202°, 84%, 80%
HSV	202°, 35%, 97%
XYZ	55.7869, 62.8933, 97.1950
YIQ	202.5020, -42.4560, -1.4960

Conversions

Conversions Part 2

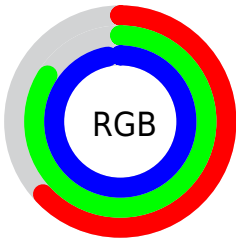
Format	Color
RYB	161, 194, 247
Decimal	10606583
CIELab	83.39, -9.75, -21.22
CIELCh	83, 23.351, 245.308
Yxy	62.8933, 0.2584, 0.2913
Android (android.graphics.Color)	4288796663 (0xFFA1D7F7)
YUV	202.5020, 21.9375, -36.3973
Hunter-Lab	79.3053, -13.2194, -17.1509

Details

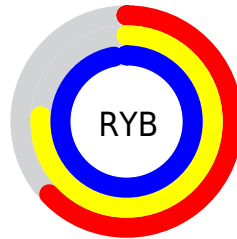
The XYZ color **55.7869, 62.8933, 97.1950** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **63.8620, 60.4884, 42.0297**, and the grayscale version is **56.3404, 59.2744, 64.5499**.

A 20% lighter version of the original color is **82.7234, 93.6454, 108.3231**, and **27.9186, 31.9674, 53.9891** is the 20% darker color. If you saturate the color by 10%, you get **49.0179, 56.0280, 96.2277**, and if you desaturate by 10%, it is **63.6745, 70.5333, 98.2550**.

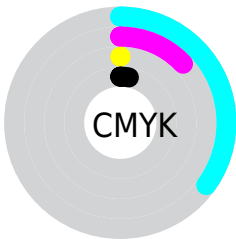
Distribution



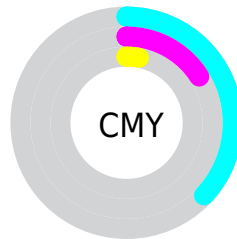
- Red (63%)
- Green (84%)
- Blue (97%)



- Red (63%)
- Yellow (76%)
- Blue (97%)



- Cyan (35%)
- Magenta (13%)
- Yellow (0%)
- Black (3%)



- Cyan (37%)
- Magenta (16%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.7869, 62.8933, 97.1950 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 55.7869, 62.8933, 97.1950 by changing the saturation by 10% instead.

■ 55.7869, 62.8933,
97.1950

■ 55.7869, 62.8933,
97.1950

398.9760,
435.1821, 572.3313

■ 40.2684, 45.7549,
73.3563

■ 97.8346, 109.0156,
159.3152

■ 27.9330, 32.0524,
53.7737

■ 125.0944,
138.7682, 198.4337

■ 18.4154, 21.4016,
38.0289

156.9988,
173.4944, 243.4826

■ 11.3501, 13.4178,
25.7031

193.9131,
213.5785, 294.8804

■ 6.3719, 7.7169,
16.3779

236.2026,
259.4049, 353.0456

■ 3.1153, 3.9143,
9.6347

284.2327,

■ 1.2150, 1.6258,

311.3581, 418.3968

5.0550

338.3687,
369.8224, 491.3525

■ 0.1182, 0.3749,
2.2203

■ 0.0000, 0.0000,
0.6860

■ 55.7869, 62.8933,
97.1950

■ 55.7869, 62.8933,
97.1950

■ 49.0179, 56.0280,
96.2277

■ 63.6745, 70.5333,
98.2550

■ 43.3013, 49.8958,
95.3454

■ 72.7302, 78.9723,
99.4066

■ 38.5725, 44.4616,
94.5457

■ 83.0077, 88.2424,
100.6543

■ 34.7568, 39.6835,
93.8246

■ 92.7654, 97.4489,
101.9170

■ 31.7675, 35.5135,
93.1772

■ 93.7887, 99.4955,
102.2581

■ 29.4986, 31.8932,
92.5980

■ 28.5263, 30.1908,
92.3207

Harmonies

Analogous

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



52.1506, 62.8933, 85.9684



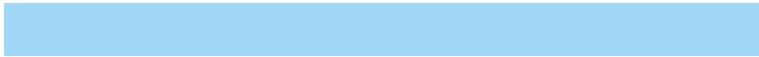
55.7869, 62.8933, 97.1950



60.6870, 62.8933, 100.3090

Triad

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



55.7869, 62.8933, 97.1950



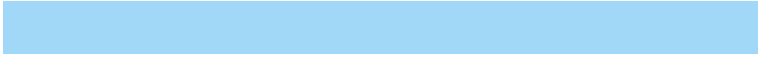
70.0493, 62.8933, 65.9230



54.3046, 62.8933, 48.0805

Complementary

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



55.7869, 62.8933, 97.1950



63.8620, 60.4884, 42.0297

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.



58.8785, 62.8933, 44.2159



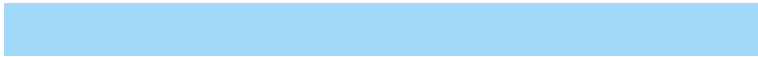
55.7869, 62.8933, 97.1950



68.1155, 62.8933, 53.5406

Square

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



55.7869, 62.8933, 97.1950



69.1067, 62.8933, 80.8536



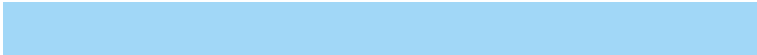
63.9555, 62.8933, 46.0636



51.3294, 62.8933, 57.4382

Rectangle

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



55.7869, 62.8933, 97.1950



64.0550, 62.8933, 97.0347



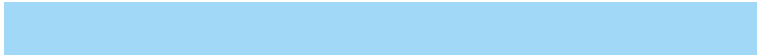
63.9555, 62.8933, 46.0636



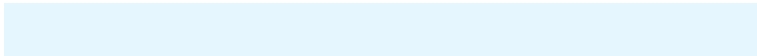
55.6961, 62.8933, 46.1612

Sweetspot

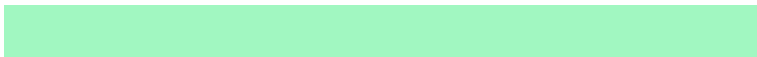
The Sweet Spot groups the original color and five complimentary colors.



55.7889, 62.8958, 97.1965



83.3304, 89.5755, 107.5056



57.5339, 77.9294, 62.1909



17.5069, 18.8750, 22.9705



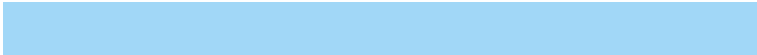
0.0000, 0.0000, 0.0000



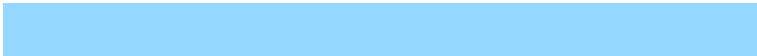
20.3446, 21.4041, 23.3091

Same Dimension

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



55.7889, 62.8958, 97.1965



54.5835, 62.1842, 103.7336



46.3297, 43.9774, 94.0434



16.4483, 17.6609, 21.0845



15.2271, 16.2480, 48.8717



1.4366, 1.6246, 4.3281

Inverse Universe

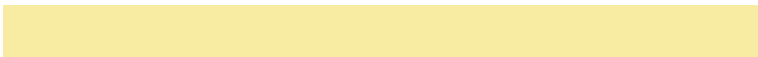
The Inverse Universe completely reimagines the original color for something new.



63.3700, 50.1721, 70.6367



64.0993, 47.3225, 70.1472



74.6534, 82.0712, 45.6268



16.9369, 16.6576, 19.4141



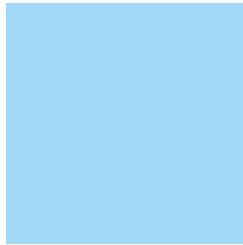
23.4905, 11.7396, 17.8230



2.1142, 1.0516, 1.8277

Previews

White Background



This preview shows how the XYZ color 55.7869, 62.8933, 97.1950 looks on a white background.

Color Contrast Check

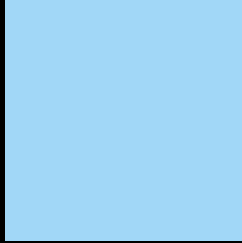
Large Text (above 18pt) WCAG AA × Fail

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 55.7869, 62.8933, 97.1950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

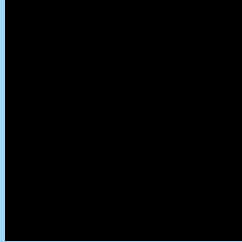
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.7869, 62.8933, 97.1950

Background



This preview shows how black text looks on a background with the XYZ color 55.7869, 62.8933, 97.1950.



This preview shows how white text looks on a background with the XYZ color 55.7869, 62.8933,

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

55.7869, 62.8933, 97.1950

Protanopia

61.7959, 62.4310, 92.0125

Deuteranopia

64.0649, 62.7358, 99.1751



Tritanopia

53.9088, 62.8930, 87.8955

Trichromacy



Original Color

55.7869, 62.8933, 97.1950

Protanomaly

59.2278, 62.5111, 93.7382

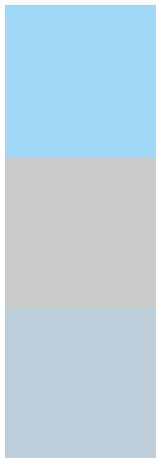
Deuteranomaly

60.6469, 62.4123, 98.4729

Tritanomaly

54.4339, 62.7147, 90.8975

Monochromacy



Original Color

55.7869, 62.8933, 97.1950

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

55.8380, 60.4315, 75.7393

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7869, 62.8933, 97.1950 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, 215, 247)` looks like.

```
.text, #text, p{  
    color:rgb(161, 215, 247)  
}
```

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, 215, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 215, 247) }
```

Border

The CSS property to change the border of an element to XYZ 55.7869, 62.8933, 97.1950 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, 215, 247) }
```


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

```
.border{ border-color:rgb(161, 215, 247) }
```

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

Here you see how a box with a 4 pixel rgb(161, 215, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 215, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 215, 247);  
box-shadow:4px 4px 4px 4px rgb(161, 215,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7869, 62.8933, 97.1950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 215, 247) }
```

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

```
.background{ background-color: rgb(161,  
215, 247) }
```

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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