

Converting Colors

XYZ(55.1810, 61.6943, 97.1944)

Have a look what the booklet for
XYZ(55.1810, 61.6943, 97.1944)
contains.

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Color

**XYZ(55.2807, 61.8810,
97.0263)**

Conversions

Conversions Part 1

Format	Color
Hex	A1D5F7
RGB	161, 213, 247
RGB Percent	63%, 84%, 97%
CMY	0.3686, 0.1647, 0.0314
CMYK	0.35, 0.14, 0.00, 0.03
HSL	204°, 84%, 80%
HSV	204°, 35%, 97%
XYZ	55.2807, 61.8810, 97.0263
YIQ	201.3280, -41.9060, -0.4500

Conversions

Conversions Part 2

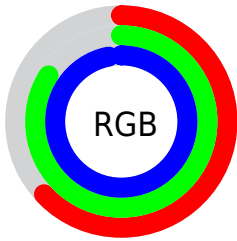
Format	Color
R_{YB}	161, 193, 247
Decimal	10606071
CIE Lab	82.85, -8.71, -22.03
CIE LCh	83, 23.689, 248.417
Yxy	61.8810, 0.2581, 0.2889
Android (android.graphics.Color)	4288796151 (0xFFA1D5F7)
YUV	201.3280, 22.5163, -35.3677
Hunter-Lab	78.6645, -12.2237, -18.0643

Details

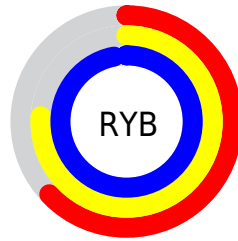
The XYZ color **55.2807, 61.8810, 97.0263** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **64.3069, 61.3785, 42.1778**, and the grayscale version is **55.6057, 58.5015, 63.7081**.

A 20% lighter version of the original color is **82.7234, 93.6454, 108.3231**, and **27.5747, 31.2795, 53.8744** is the 20% darker color. If you saturate the color by 10%, you get **48.4039, 54.8001, 96.0231**, and if you desaturate by 10%, it is **63.2924, 69.7693, 98.1277**.

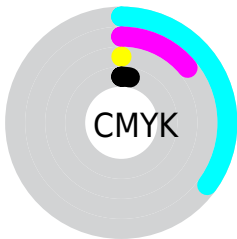
Distribution



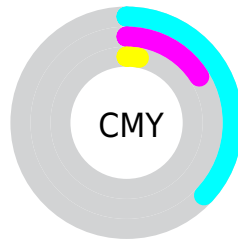
- Red (63%)
- Green (84%)
- Blue (97%)



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



- Cyan (35%)
- Magenta (14%)
- Yellow (0%)
- Black (3%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.2807, 61.8810, 97.0263 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 55.2807, 61.8810, 97.0263 by changing the saturation by 10% instead.

■ 55.2807, 61.8810,
97.0263

■ 55.2807, 61.8810,
97.0263

397.0942,
431.4969, 571.7810

■ 39.8612, 44.9366,
73.2164

■ 97.0980, 107.5535,
159.0806

■ 27.6141, 31.4075,
53.6601

■ 124.2266,
137.0504, 198.1622

■ 18.1739, 20.9093,
37.9386

155.9889,
171.5002, 243.1714

■ 11.1754, 13.0577,
25.6336

192.7504,
211.2873, 294.5268

■ 6.2531, 7.4683,
16.3264

234.8762,
256.7961, 352.6469

■ 3.0417, 3.7567,
9.5986

282.7319,

■ 1.1758, 1.5384,

308.4111, 417.9503

5.0315

336.6828,
366.5165, 490.8555

■ 0.0872, 0.3155,
2.2067

■ 0.0000, 0.0000,
0.6782

■ 55.2807, 61.8810,
97.0263

■ 55.2807, 61.8810,
97.0263

■ 48.4039, 54.8001,
96.0231

■ 63.2924, 69.7693,
98.1277

■ 42.5955, 48.4844,
95.1101

■ 72.4892, 78.4904,
99.3263

■ 37.7904, 42.8976,
94.2851

■ 82.9250, 88.0772,
100.6267

■ 33.9135, 37.9971,
93.5435

■ 92.8588, 97.6357,
101.9481

■ 30.8776, 33.7337,
92.8806

■ 93.7887, 99.4955,
102.2581

■ 28.5761, 30.0483,
92.2905

■ 27.5923, 28.3227,
92.0093

Harmonies

Analogous

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



51.4596, 61.8810, 86.3876



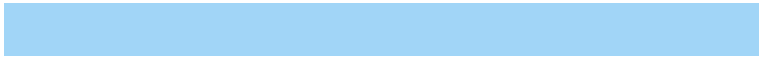
55.2807, 61.8810, 97.0263



60.2638, 61.8810, 99.1679

Triad

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



55.2807, 61.8810, 97.0263



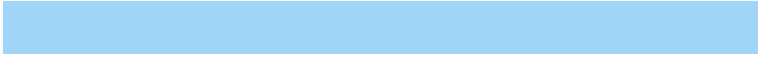
69.0642, 61.8810, 63.3482



52.9282, 61.8810, 47.6749

Complementary

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



55.2807, 61.8810, 97.0263



64.3069, 61.3785, 42.1778

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.



57.3916, 61.8810, 43.2310



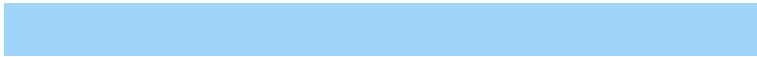
55.2807, 61.8810, 97.0263



66.8421, 61.8810, 51.3839

Square

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



55.2807, 61.8810, 97.0263



68.4183, 61.8810, 78.2502



62.4990, 61.8810, 44.4832



50.1571, 61.8810, 57.5624

Rectangle

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



55.2807, 61.8810, 97.0263



63.6093, 61.8810, 95.2323



62.4990, 61.8810, 44.4832



54.2698, 61.8810, 45.5651

Sweetspot

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



55.2826, 61.8834, 97.0277



83.1508, 89.2163, 107.4457



57.6940, 77.9935, 63.0344



17.4634, 18.7880, 22.9560



0.0000, 0.0000, 0.0000



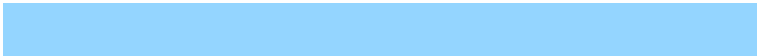
20.3446, 21.4041, 23.3091

Same Dimension

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



55.2826, 61.8834, 97.0277



53.9535, 60.9243, 103.5237



46.0573, 43.4327, 93.9526



16.4149, 17.5941, 21.0734



14.7350, 15.2637, 48.7076



1.3951, 1.5417, 4.3143

Inverse Universe

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



63.1145, 50.0697, 69.2913



63.7814, 47.1953, 68.4729



75.0666, 82.8977, 45.7644



16.9200, 16.6509, 19.3253



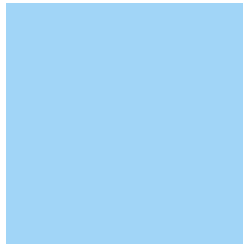
23.2420, 11.6403, 16.5148



2.0933, 1.0433, 1.7175

Previews

White Background



This preview shows how the XYZ color 55.2807, 61.8810, 97.0263 looks on a white background.

Color Contrast Check

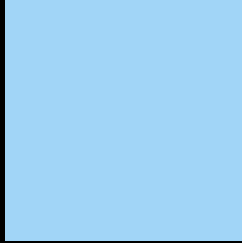
Large Text (above 18pt) WCAG AA × Fail

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 55.2807, 61.8810, 97.0263 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 55.2807, 61.8810, 97.0263

Background



This preview shows how black text looks on a background with the XYZ color 55.2807, 61.8810, 97.0263.



This preview shows how white text looks on a background with the XYZ color 55.2807, 61.8810,

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

55.2807, 61.8810, 97.0263

Protanopia

60.7588, 61.5424, 91.8956

Deuteranopia

63.0438, 61.5128, 98.9929



Tritanopia

53.1090, 61.7532, 86.2112

Trichromacy



Original Color

55.2807, 61.8810, 97.0263

Protanomaly

58.4981, 61.4110, 93.5643

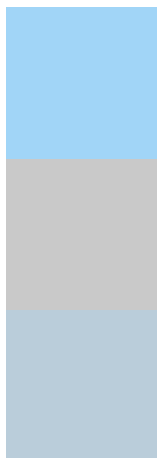
Deuteranomaly

59.6692, 61.1936, 98.2892

Tritanomaly

53.7773, 61.6371, 89.9517

Monochromacy



Original Color

55.2807, 61.8810, 97.0263

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

54.7359, 59.1637, 74.8645

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2807, 61.8810, 97.0263 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, 213, 247)` looks like.

```
.text, #text, p{  
    color:rgb(161, 213, 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, 213, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 213, 247) }
```

Border

The CSS property to change the border of an element to XYZ 55.2807, 61.8810, 97.0263 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, 213, 247) }
```


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

```
.border{ border-color:rgb(161, 213, 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, 213, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 213, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 213, 247);  
box-shadow:4px 4px 4px 4px rgb(161, 213,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2807, 61.8810, 97.0263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 213, 247) }
```

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

```
.background{ background-color: rgb(161,  
213, 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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