

Converting Colors

XYZ(54.7271, 61.4853, 97.2625)

Have a look what the booklet for
XYZ(54.7271, 61.4853, 97.2625)
contains.

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Color

**XYZ(54.6833, 61.5730,
96.9983)**

Conversions

Conversions Part 1

Format	Color
Hex	9ED5F7
RGB	158, 213, 247
RGB Percent	62%, 84%, 97%
CMY	0.3804, 0.1647, 0.0314
CMYK	0.36, 0.14, 0.00, 0.03
HSL	203°, 85%, 79%
HSV	203°, 36%, 97%
XYZ	54.6833, 61.5730, 96.9983
YIQ	200.4310, -43.6940, -1.0860

Conversions

Conversions Part 2

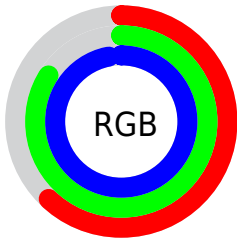
Format	Color
R _Y B	158, 192, 247
Decimal	10409463
CIE Lab	82.69, -9.51, -22.29
CIE LCh	83, 24.239, 246.887
Yxy	61.5730, 0.2564, 0.2887
Android (android.graphics.Color)	4288599543 (0xFF9ED5F7)
YUV	200.4310, 22.9585, -37.2120
Hunter-Lab	78.4685, -12.9263, -18.3630

Details

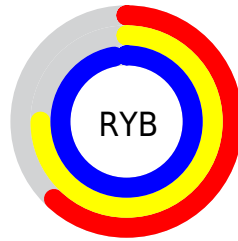
The XYZ color **54.6833, 61.5730, 96.9983** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **63.3801, 59.9430, 40.5792**, and the grayscale version is **55.0491, 57.9159, 63.0704**.

A 20% lighter version of the original color is **81.8343, 93.1871, 108.2815**, and **27.2243, 31.0989, 53.8580** is the 20% darker color. If you saturate the color by 10%, you get **48.0000, 54.7076, 96.0265**, and if you desaturate by 10%, it is **62.4850, 69.2228, 98.0647**.

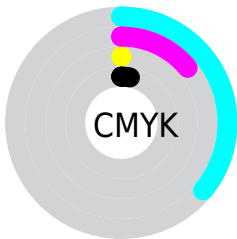
Distribution



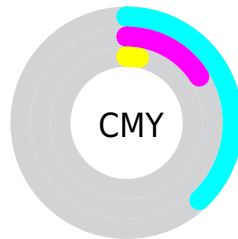
- Red (62%)
- Green (84%)
- Blue (97%)



- Red (62%)
- Yellow (75%)
- Blue (97%)



- Cyan (36%)
- Magenta (14%)
- Yellow (0%)
- Black (3%)



- Cyan (38%)
- Magenta (16%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.6833, 61.5730, 96.9983 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 54.6833, 61.5730, 96.9983 by changing the saturation by 10% instead.

■ 54.6833, 61.5730,
96.9983

■ 54.6833, 61.5730,
96.9983

394.8663,
430.3718, 571.6897

■ 39.3811, 44.6878,
73.1932

■ 96.2278, 107.1082,
159.0417

■ 27.2384, 31.2116,
53.6412

■ 123.2008,
136.5269, 198.1171

■ 17.8898, 20.7600,
37.9237

154.7947,
170.8922, 243.1197

■ 10.9701, 12.9487,
25.6221

191.3750,
210.5885, 294.4681

■ 6.1139, 7.3932,
16.3179

233.3069,
256.0003, 352.5807

■ 2.9558, 3.7092,
9.5926

280.9559,

■ 1.1304, 1.5123,

307.5118, 417.8762

5.0276

334.6872,
365.5075, 490.7730

■ 0.0503, 0.2973,
2.2045

■ 0.0000, 0.0000,
0.6769

■ 54.6833, 61.5730,
96.9983

■ 54.6833, 61.5730,
96.9983

■ 48.0000, 54.7076,
96.0265

■ 62.4850, 69.2228,
98.0647

■ 42.3680, 48.5843,
95.1414

■ 71.4553, 77.6820,
99.2247

■ 37.7219, 43.1672,
94.3407

■ 81.6486, 86.9834,
100.4828

■ 33.9853, 38.4133,
93.6200

■ 92.4466, 96.8113,
101.8107

■ 31.0697, 34.2734,
92.9746

■ 93.7887, 99.4955,
102.2581

■ 28.8655, 30.6869,
92.3985

■ 28.1220, 29.3820,
92.1858

Harmonies

Analogous

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



50.8807, 61.5730, 85.7532



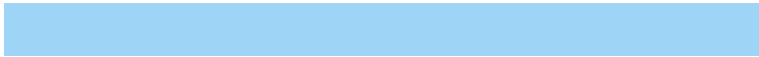
54.6833, 61.5730, 96.9983



59.7312, 61.5730, 99.7005

Triad

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



54.6833, 61.5730, 96.9983



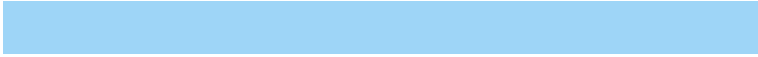
69.0280, 61.5730, 63.6651



52.7212, 61.5730, 46.6380

Complementary

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



54.6833, 61.5730, 96.9983



63.3801, 59.9430, 40.5792

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.



57.3318, 61.5730, 42.4306



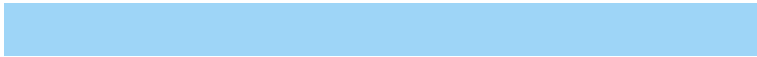
54.6833, 61.5730, 96.9983



66.8953, 61.5730, 51.2731

Square

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



54.6833, 61.5730, 96.9983



68.2154, 61.5730, 78.9303



62.5390, 61.5730, 43.9922



49.7957, 61.5730, 56.4126

Rectangle

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



54.6833, 61.5730, 96.9983



63.1653, 61.5730, 95.9817



62.5390, 61.5730, 43.9922



54.1145, 61.5730, 44.5972

Sweetspot

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



54.6852, 61.5754, 96.9997



82.1492, 88.4156, 107.3439



56.7265, 77.5374, 61.0570



17.2674, 18.6357, 22.9369



0.0000, 0.0000, 0.0000



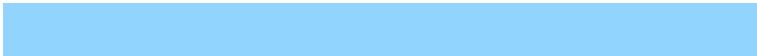
20.3446, 21.4041, 23.3091

Same Dimension

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



54.6852, 61.5754, 96.9997



53.6115, 60.9170, 103.5403



45.2404, 42.6858, 93.8515



16.4340, 17.6324, 21.0798



15.0141, 15.8221, 48.8007



1.4187, 1.5888, 4.3221

Inverse Universe

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



62.5965, 49.0338, 69.1186



63.4436, 46.4278, 68.6437



74.2771, 81.7371, 44.2116



16.9297, 16.6547, 19.3761



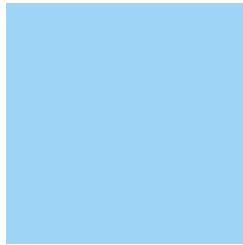
23.3830, 11.6966, 17.2569



2.1052, 1.0480, 1.7801

Previews

White Background



This preview shows how the XYZ color 54.6833, 61.5730, 96.9983 looks on a white background.

Color Contrast Check

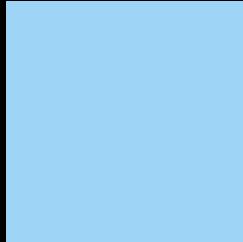
Large Text (above 18pt) WCAG AA × Fail

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 54.6833, 61.5730, 96.9983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

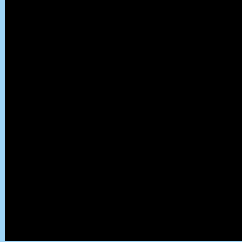
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.6833, 61.5730, 96.9983

Background



This preview shows how black text looks on a background with the XYZ color 54.6833, 61.5730, 96.9983.



This preview shows how white text looks on a background with the XYZ color 54.6833, 61.5730,

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

54.6833, 61.5730, 96.9983

Protanopia

60.5218, 61.0685, 91.8166

Deuteranopia

62.7706, 61.3719, 98.9801



Tritanopia

52.3348, 61.3541, 86.1750

Trichromacy



Original Color

54.6833, 61.5730, 96.9983

Protanomaly

58.0189, 61.1640, 93.5419

Deuteranomaly

59.4237, 61.0670, 98.2777

Tritanomaly

52.9968, 61.2347, 89.9152

Monochromacy



Original Color

54.6833, 61.5730, 96.9983

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.3633, 58.9867, 74.1660

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.6833, 61.5730, 96.9983 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(158, 213, 247)` looks like.

```
.text, #text, p{  
    color:rgb(158, 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(158, 213, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 213, 247) }
```

Border

The CSS property to change the border of an element to XYZ 54.6833, 61.5730, 96.9983 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(158, 213, 247) }
```


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

```
.border{ border-color:rgb(158, 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(158, 213, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 213, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 213, 247);  
box-shadow:4px 4px 4px 4px rgb(158, 213,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 54.6833, 61.5730, 96.9983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 213, 247) }
```

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

```
.background{ background-color: rgb(158,  
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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