

Converting Colors

XYZ(59.0085, 62.0452,
114.2646)

Have a look what the booklet for
XYZ(59.0085, 62.0452, 114.2646)
contains.

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Color

**XYZ(56.7868, 61.0364,
103.3960)**

Conversions

Conversions Part 1

Format	Color
Hex	A7D1FF
RGB	167, 209, 255
RGB Percent	65%, 82%, 100%
CMY	0.3451, 0.1804, 0.0000
CMYK	0.35, 0.18, 0.00, 0.00
HSL	211°, 100%, 83%
HSV	211°, 35%, 100%
XYZ	56.7868, 61.0364, 103.3960
YIQ	201.6860, -39.7980, 5.4020

Conversions

Conversions Part 2

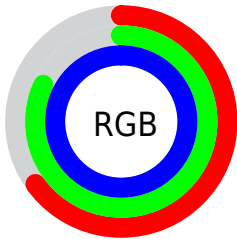
Format	Color
RYB	167, 195, 255
Decimal	10998271
CIELab	82.40, -3.01, -26.93
CIELCh	82, 27.098, 263.622
Yxy	61.0364, 0.2567, 0.2759
Android (android.graphics.Color)	4289188351 (0xFFA7D1FF)
YUV	201.6860, 26.2838, -30.4196
Hunter-Lab	78.1258, -6.9750, -23.7796

Details

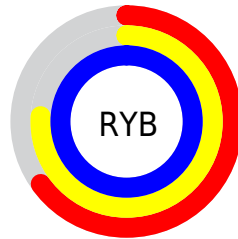
The XYZ color **56.7868, 61.0364, 103.3960** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **72.0097, 71.6387, 46.5934**, and the grayscale version is **55.8042, 58.7104, 63.9356**.

A 20% lighter version of the original color is **84.5505, 94.5873, 108.4086**, and **28.5965, 30.9647, 57.8957** is the 20% darker color. If you saturate the color by 10%, you get **48.7870, 52.2603, 102.1236**, and if you desaturate by 10%, it is **66.1258, 70.9119, 104.8099**.

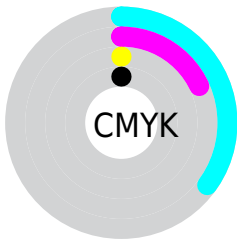
Distribution



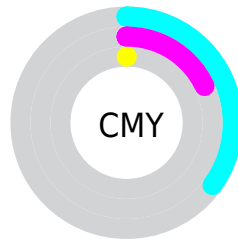
- Red (65%)
- Green (82%)
- Blue (100%)



- Red (65%)
- Yellow (76%)
- Blue (100%)



- Cyan (35%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (35%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.7868, 61.0364, 103.3960 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 56.7868, 61.0364, 103.3960 by changing the saturation by 10% instead.

■ 56.7868, 61.0364,
103.3960

■ 56.7868, 61.0364,
103.3960

402.6770,
428.4075, 592.3660

■ 41.0736, 44.2545,
78.5071

■ 99.2872, 106.3316,
167.9087

■ 28.5645, 30.8707,
57.9717

■ 126.8051,
135.6138, 208.3696

■ 18.8942, 20.5004,
41.3713

158.9885,
169.8315, 254.8582

■ 11.6974, 12.7593,
28.2875

196.2029,
209.3692, 307.7931

■ 6.6087, 7.2630,
18.3015

238.8136,
254.6113, 367.5927

■ 3.2628, 3.6271,
10.9950

287.1860,

■ 1.2942, 1.4672,

305.9421, 434.6757

5.9494

341.6853,
363.7460, 509.4606

■ 0.1789, 0.2655,
2.7460

■ 0.0000, 0.0000,
0.9665

■ 56.7868, 61.0364,
103.3960

■ 56.7868, 61.0364,
103.3960

■ 48.7870, 52.2603,
102.1236

■ 66.1258, 70.9119,
104.8099

■ 42.0518, 44.5310,
100.9867

■ 76.8628, 81.9224,
106.3692

■ 36.5067, 37.8012,
99.9800

■ 89.0591, 94.1102,
108.0789

■ 32.0663, 32.0162,
99.0974

95.0500, 100.0000,
108.9000

■ 28.6324, 27.1141,
98.3322

■ 26.0853, 23.0217,
97.6765

■ 24.9739, 21.0679,
97.3580

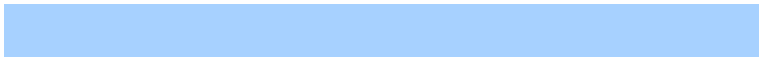
Harmonies

Analogous

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



51.6650, 61.0364, 95.5361



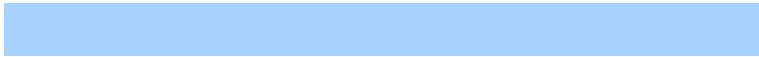
56.7868, 61.0364, 103.3960



62.5839, 61.0364, 100.1133

Triad

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



56.7868, 61.0364, 103.3960



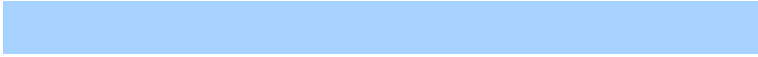
68.8090, 61.0364, 54.4971



49.5134, 61.0364, 49.3034

Complementary

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



56.7868, 61.0364, 103.3960



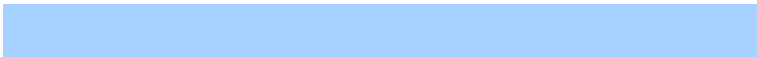
72.0097, 71.6387, 46.5934

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.



53.6708, 61.0364, 41.3429



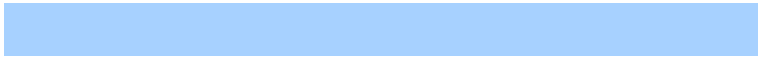
56.7868, 61.0364, 103.3960



64.8614, 61.0364, 43.9748

Square

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



56.7868, 61.0364, 103.3960



69.7804, 61.0364, 70.0590



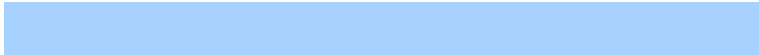
59.2573, 61.0364, 39.5680



47.6494, 61.0364, 62.9831

Rectangle

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



56.7868, 61.0364, 103.3960



66.0277, 61.0364, 92.2795



59.2573, 61.0364, 39.5680



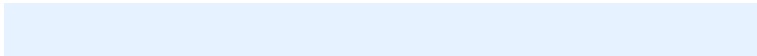
50.6751, 61.0364, 45.9681

Sweetspot

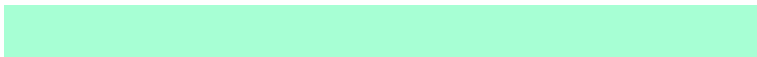
The Sweet Spot groups the original color and five complimentary colors.



56.7886, 61.0387, 103.3963



82.1772, 87.2690, 107.1211



63.6400, 84.5131, 75.5561



17.2278, 18.3169, 22.8775



0.0000, 0.0000, 0.0000



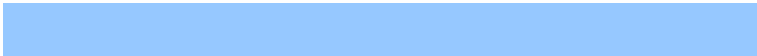
20.3446, 21.4041, 23.3091

Same Dimension

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



56.7886, 61.0387, 103.3963



51.4463, 55.2181, 102.5544



48.1182, 43.2354, 100.4169



17.7182, 18.8081, 22.9464



13.1968, 11.3031, 50.9208



1.3935, 1.3177, 4.9942

Inverse Universe

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



66.5685, 53.5025, 67.1425



62.6847, 47.4032, 60.7048



83.4379, 95.2931, 50.5568



18.3704, 18.1315, 20.5678



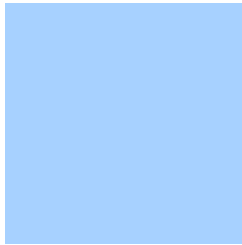
23.4493, 11.8690, 11.0165



2.3380, 1.1776, 1.3612

Previews

White Background



This preview shows how the XYZ color 56.7868, 61.0364, 103.3960 looks on a white background.

Color Contrast Check

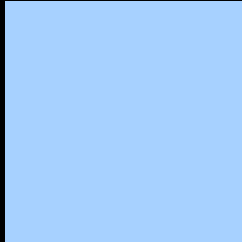
Large Text (above 18pt) WCAG AA × Fail

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 56.7868, 61.0364, 103.3960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

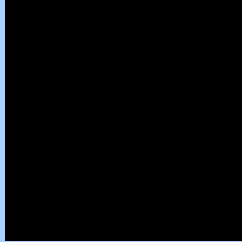
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

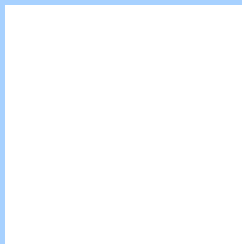
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.7868, 61.0364, 103.3960

Background



This preview shows how black text looks on a background with the XYZ color 56.7868, 61.0364, 103.3960.



This preview shows how white text looks on a background with the XYZ color 56.7868, 61.0364,

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

56.7868, 61.0364, 103.3960

Protanopia

60.6240, 60.6125, 98.9466

Deuteranopia

62.2253, 60.9991, 103.1021



Tritanopia

52.7751, 60.8787, 83.8321

Trichromacy



Original Color

56.7868, 61.0364, 103.3960

Protanomaly

59.1692, 60.8813, 100.7282

Deuteranomaly

60.1364, 60.9705, 103.2067

Tritanomaly

54.2277, 61.1055, 90.5978

Monochromacy



Original Color

56.7868, 61.0364, 103.3960

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.8687, 59.7019, 76.9856

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7868, 61.0364, 103.3960 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(167, 209, 255)` looks like.

```
.text, #text, p{  
    color:rgb(167, 209, 255)  
}
```

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(167, 209, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 209, 255) }
```

Border

The CSS property to change the border of an element to XYZ 56.7868, 61.0364, 103.3960 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(167, 209, 255) }
```


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

```
.border{ border-color:rgb(167, 209, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 209, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 209, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 209, 255);  
box-shadow:4px 4px 4px 4px rgb(167, 209,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7868, 61.0364, 103.3960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 209, 255) }
```

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

```
.background{ background-color: rgb(167,  
209, 255) }
```

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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