

Converting Colors

XYZ(61.0249, 73.4162,
105.5621)

Have a look what the booklet for
XYZ(61.0249, 73.4162, 105.5621)
contains.

XYZ(61.0848, 73.5067, 105.5764)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(61.0848, 73.5067,
105.5764)**

Conversions

Conversions Part 1

Format	Color
Hex	9AEBFF
RGB	154, 235, 255
RGB Percent	60%, 92%, 100%
CMY	0.3961, 0.0784, 0.0000
CMYK	0.40, 0.08, 0.00, 0.00
HSL	192°, 100%, 80%
HSV	192°, 40%, 100%
XYZ	61.0848, 73.5067, 105.5764
YIQ	213.0610, -54.6960, -10.9520

Conversions

Conversions Part 2

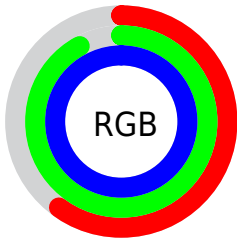
Format	Color
RYB	154, 199, 255
Decimal	10152959
CIELab	88.69, -19.76, -17.46
CIElCh	89, 26.365, 221.462
Yxy	73.5067, 0.2543, 0.3061
Android (android.graphics.Color)	4288343039 (0xFF9AEBFF)
YUV	213.0610, 20.6759, -51.7965
Hunter-Lab	85.7360, -22.8613, -12.9952

Details

The XYZ color **61.0848, 73.5067, 105.5764** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **62.2093, 53.8656, 37.6922**, and the grayscale version is **63.1808, 66.4711, 72.3870**.

A 20% lighter version of the original color is **80.9614, 92.7370, 108.2407**, and **31.2429, 38.8588, 59.2799** is the 20% darker color. If you saturate the color by 10%, you get **55.3126, 68.4172, 104.8983**, and if you desaturate by 10%, it is **67.9329, 79.2152, 106.3174**.

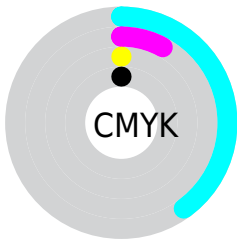
Distribution



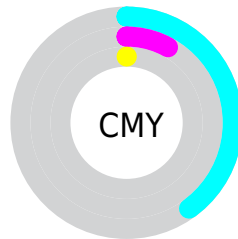
- Red (60%)
- Green (92%)
- Blue (100%)



- Red (60%)
- Yellow (78%)
- Blue (100%)



- Cyan (40%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.0848, 73.5067, 105.5764 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 61.0848, 73.5067, 105.5764 by changing the saturation by 10% instead.

61.0848, 73.5067,
105.5764

61.0848, 73.5067,
105.5764

418.3558,
472.7691, 599.3257

44.5464, 54.3904,
80.3230

105.4991,
124.1963, 170.9180

31.3001, 38.9139,
59.4564

134.1058,
156.5383, 211.8433

20.9804, 26.6927,
42.5582

167.4659,
194.0577, 258.8296

13.2220, 17.3426,
29.2098

205.9448,
237.1389, 312.2955

7.6597, 10.4790,
18.9927

249.9079,
286.1662, 372.6595

3.9279, 5.7177,
11.4882

299.7205,

1.6614, 2.6742,

341.5241, 440.3402

6.2779

355.7481,
403.5969, 515.7561

■ 0.4320, 0.9641,
2.9433

■ 0.0000, 0.0000,
1.0658

■ 61.0848, 73.5067,
105.5764

■ 61.0848, 73.5067,
105.5764

■ 55.3126, 68.4172,
104.8983

■ 67.9329, 79.2152,
106.3174

■ 50.5440, 63.9038,
104.2785

■ 75.9113, 85.5661,
107.1227

■ 46.7074, 59.9307,
103.7138

■ 85.0777, 92.5912,
107.9956

■ 43.7183, 56.4539,
103.2002

95.0500, 100.0000,
108.9000

■ 41.4765, 53.4213,
102.7330

■ 39.8250, 50.7513,
102.3047

■ 39.7650, 50.6499,
102.2883

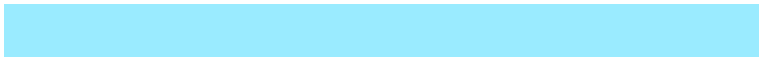
Harmonies

Analogous

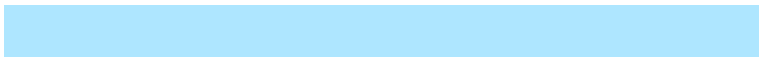
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



58.5383, 73.5067, 87.2100



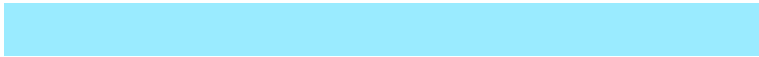
61.0848, 73.5067, 105.5764



66.0444, 73.5067, 118.1057

Triad

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



61.0848, 73.5067, 105.5764



82.1316, 73.5067, 91.7124



67.4605, 73.5067, 50.3498

Complementary

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



61.0848, 73.5067, 105.5764



62.2093, 53.8656, 37.6922

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.



73.8321, 73.5067, 51.1768



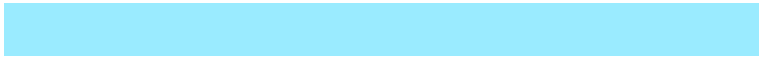
61.0848, 73.5067, 105.5764



82.5680, 73.5067, 73.2672

Square

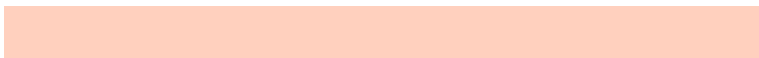
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



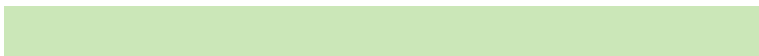
61.0848, 73.5067, 105.5764



78.2920, 73.5067, 109.3006



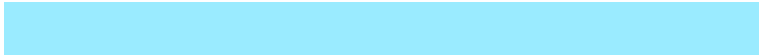
79.4506, 73.5067, 58.9879



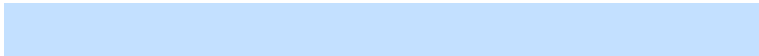
62.0672, 73.5067, 56.5258

Rectangle

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



61.0848, 73.5067, 105.5764



70.1789, 73.5067, 120.4651



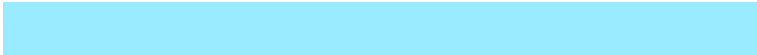
79.4506, 73.5067, 58.9879



69.5539, 73.5067, 49.8463

Sweetspot

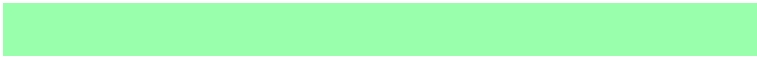
The Sweet Spot groups the original color and five complimentary colors.



61.0868, 73.5095, 105.5769



82.7722, 90.8465, 107.7803



56.5838, 81.3891, 52.0197



17.4538, 19.2447, 23.0446



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

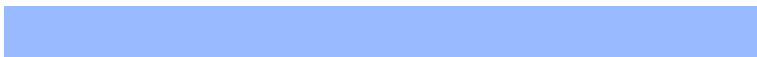
The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.0868, 73.5095, 105.5769



56.1703, 69.1950, 105.0032



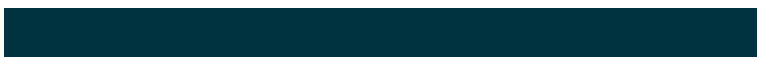
48.9334, 49.2026, 101.5257



18.2314, 19.8344, 23.1175



20.8858, 26.6812, 53.4838



2.1077, 2.7462, 5.2323

Inverse Universe

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



67.7924, 50.3712, 84.7499



63.9637, 43.6820, 80.4885



73.4657, 76.3783, 41.4444



18.6294, 18.2351, 21.9317



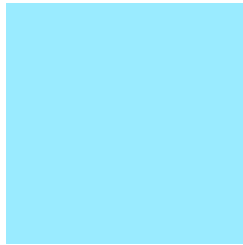
27.3304, 13.4214, 31.4539



2.6985, 1.3218, 3.2597

Previews

White Background



This preview shows how the XYZ color 61.0848, 73.5067, 105.5764 looks on a white background.

Color Contrast Check

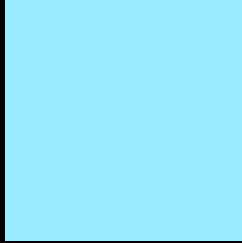
Large Text (above 18pt) WCAG AA × Fail

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 61.0848, 73.5067, 105.5764 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 61.0848, 73.5067, 105.5764

Background



This preview shows how black text looks on a background with the XYZ color 61.0848, 73.5067, 105.5764.

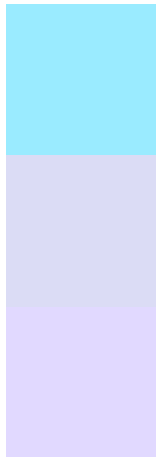


This preview shows how white text looks on a background with the XYZ color 61.0848, 73.5067,

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

61.0848, 73.5067, 105.5764

Protanopia

71.2880, 72.8390, 96.6883

Deuteranopia

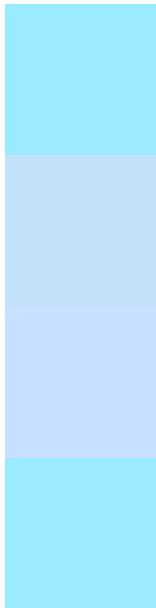
73.9142, 72.8533, 104.7741



Tritanopia

60.9241, 73.4424, 104.7307

Trichromacy



Original Color

61.0848, 73.5067, 105.5764

Protanomaly

66.5298, 72.2921, 100.0698

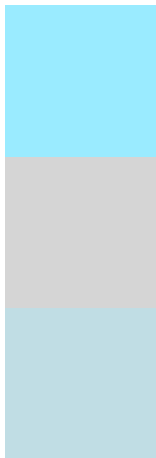
Deuteranomaly

68.2588, 72.6734, 105.0375

Tritanomaly

60.9241, 73.4424, 104.7307

Monochromacy



Original Color

61.0848, 73.5067, 105.5764

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

61.5983, 68.5208, 83.3781

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0848, 73.5067, 105.5764 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, 235, 255)` looks like.

```
.text, #text, p{  
    color:rgb(154, 235, 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(154, 235, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 235, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.0848, 73.5067, 105.5764 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, 235, 255) }
```


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

```
.border{ border-color:rgb(154, 235, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 235, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 235, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 235, 255);  
box-shadow:4px 4px 4px 4px rgb(154, 235,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0848, 73.5067, 105.5764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 235, 255) }
```

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

```
.background{ background-color: rgb(154,  
235, 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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