

Converting Colors

XYZ(61.8173, 73.3585,
105.5092)

Have a look what the booklet for
XYZ(61.8173, 73.3585, 105.5092)
contains.

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Color

**XYZ(61.9700, 73.5392,
105.5361)**

Conversions

Conversions Part 1

Format	Color
Hex	A0EAFF
RGB	160, 234, 255
RGB Percent	63%, 92%, 100%
CMY	0.3725, 0.0823, 0.0000
CMYK	0.37, 0.08, 0.00, 0.00
HSL	193°, 100%, 81%
HSV	193°, 37%, 100%
XYZ	61.9700, 73.5392, 105.5361
YIQ	214.2680, -50.8450, -9.1570

Conversions

Conversions Part 2

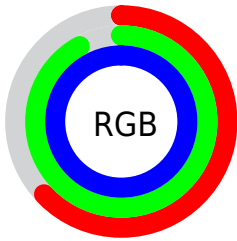
Format	Color
R_{YB}	160, 202, 255
Decimal	10545919
CIE _{Lab}	88.70, -17.75, -17.40
CIE _{LCh}	89, 24.859, 224.438
Yxy	73.5392, 0.2571, 0.3051
Android (android.graphics.Color)	4288735999 (0xFFA0EAF _F)
YUV	214.2680, 20.0809, -47.5930
Hunter-Lab	85.7550, -21.0800, -12.9379

Details

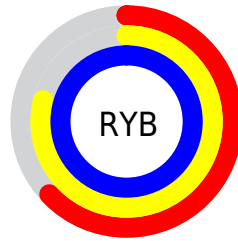
The XYZ color **61.9700, 73.5392, 105.5361** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **64.1094, 56.8459, 40.8530**, and the grayscale version is **63.9922, 67.3248, 73.3167**.

A 20% lighter version of the original color is **82.7234, 93.6454, 108.3231**, and **31.8224, 38.8611, 59.2498** is the 20% darker color. If you saturate the color by 10%, you get **55.8068, 68.0194, 104.7955**, and if you desaturate by 10%, it is **69.2336, 79.7056, 106.3435**.

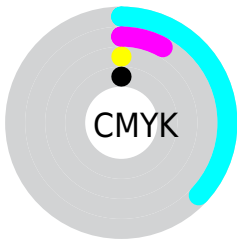
Distribution



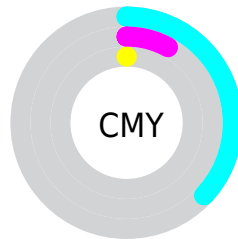
- Red (63%)
- Green (92%)
- Blue (100%)



- Red (63%)
- Yellow (79%)
- Blue (100%)



- Cyan (37%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (37%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.9700, 73.5392, 105.5361 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 61.9700, 73.5392, 105.5361 by changing the saturation by 10% instead.

61.9700, 73.5392,
105.5361

61.9700, 73.5392,
105.5361

421.5410,
472.8815, 599.1974

45.2640, 54.4170,
80.2894

106.7724,
124.2424, 170.8625

31.8676, 38.9351,
59.4290

135.5994,
156.5921, 211.7792

21.4154, 26.7093,
42.5362

169.1975,
194.1198, 258.7564

13.5422, 17.3550,
29.1927

207.9319,
237.2099, 312.2125

7.8825, 10.4879,
18.9798

252.1682,
286.2466, 372.5661

4.0710, 5.7236,
11.4790

302.2715,

1.7424, 2.6778,

341.6146, 440.2358

6.2718

358.6073,
403.6981, 515.6401

■ 0.4826, 0.9659,
2.9396

■ 0.0000, 0.0000,
1.0639

■ 61.9700, 73.5392,
105.5361

■ 61.9700, 73.5392,
105.5361

■ 55.8068, 68.0194,
104.7955

■ 69.2336, 79.7056,
106.3435

■ 50.6733, 63.1038,
104.1172

■ 77.6511, 86.5415,
107.2193

■ 46.4996, 58.7573,
103.4983

■ 87.2794, 94.0787,
108.1666

■ 43.2039, 54.9372,
102.9346

95.0500, 100.0000,
108.9000

■ 40.6904, 51.5932,
102.4216

■ 38.8356, 48.6610,
101.9534

■ 38.3907, 47.9015,
101.8302

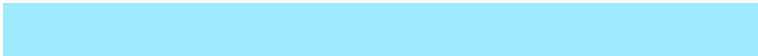
Harmonies

Analogous

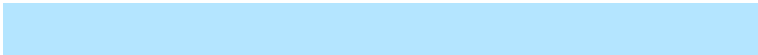
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



59.2975, 73.5392, 88.6058



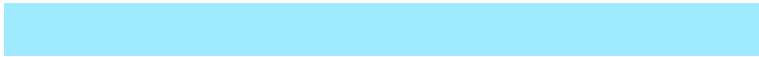
61.9700, 73.5392, 105.5361



66.8437, 73.5392, 116.3521

Triad

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



61.9700, 73.5392, 105.5361



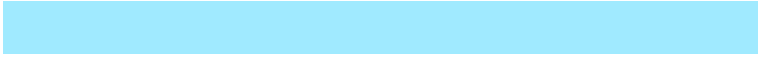
81.6244, 73.5392, 89.2779



67.0563, 73.5392, 52.1196

Complementary

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



61.9700, 73.5392, 105.5361



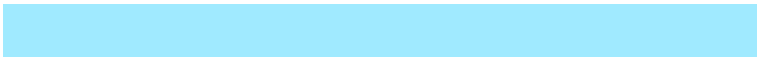
64.1094, 56.8459, 40.8530

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.



73.0415, 73.5392, 52.2458



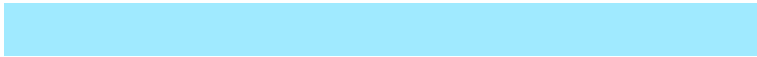
61.9700, 73.5392, 105.5361



81.6894, 73.5392, 72.1039

Square

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



61.9700, 73.5392, 105.5361



78.2994, 73.5392, 106.0885



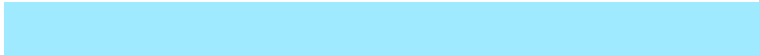
78.4723, 73.5392, 59.0731



62.1179, 73.5392, 58.6993

Rectangle

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



61.9700, 73.5392, 105.5361



70.7944, 73.5392, 117.7864



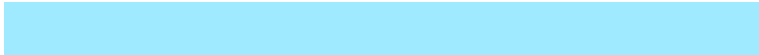
78.4723, 73.5392, 59.0731



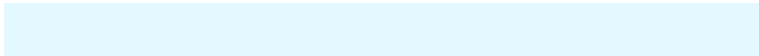
69.0068, 73.5392, 51.4127

Sweetspot

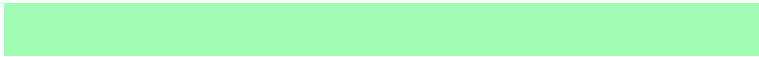
The Sweet Spot groups the original color and five complimentary colors.



61.9720, 73.5420, 105.5365



83.5268, 91.1708, 107.8031



58.5561, 82.3132, 56.2958



17.5967, 19.2944, 23.0467



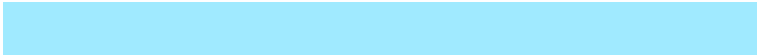
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



61.9720, 73.5420, 105.5365



57.1036, 69.2096, 104.9569



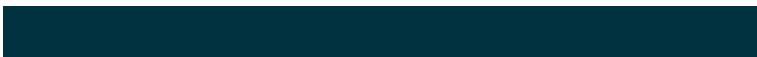
50.3013, 50.2005, 101.6463



18.1943, 19.7601, 23.1051



20.1758, 25.2612, 53.2471



2.0444, 2.6196, 5.2111

Inverse Universe

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



68.6634, 52.3438, 84.3294



64.8868, 45.7822, 80.0137



75.3522, 79.3315, 44.6006



18.6107, 18.2276, 21.8331



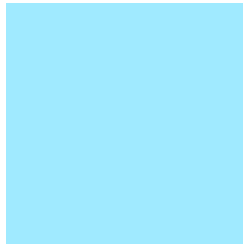
26.9720, 13.2781, 29.5668



2.6665, 1.3090, 3.0914

Previews

White Background



This preview shows how the XYZ color 61.9700, 73.5392, 105.5361 looks on a white background.

Color Contrast Check

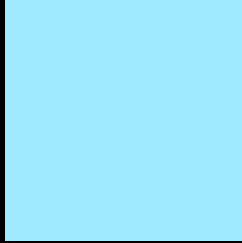
Large Text (above 18pt) WCAG AA × Fail

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 61.9700, 73.5392, 105.5361 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 61.9700, 73.5392, 105.5361

Background



This preview shows how black text looks on a background with the XYZ color 61.9700, 73.5392, 105.5361.

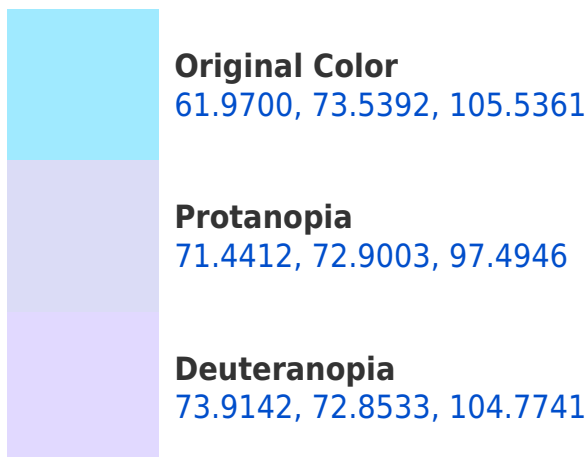


This preview shows how white text looks on a background with the XYZ color 61.9700, 73.5392,

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

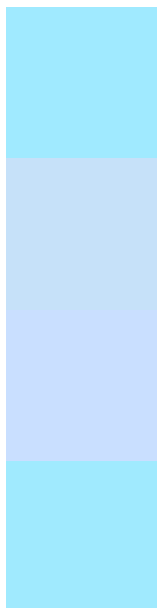




Tritanopia

61.6496, 73.4111, 103.8490

Trichromacy



Original Color

61.9700, 73.5392, 105.5361

Protanomaly

67.3128, 72.6957, 100.1065

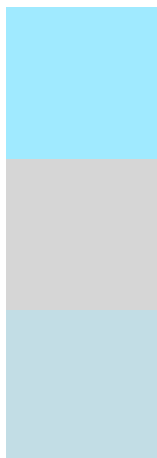
Deuteranomaly

68.5251, 72.4129, 104.9732

Tritanomaly

61.8094, 73.4750, 104.6903

Monochromacy



Original Color

61.9700, 73.5392, 105.5361

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

62.2474, 68.8394, 84.1353

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9700, 73.5392, 105.5361 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(160, 234, 255)` looks like.

```
.text, #text, p{  
    color:rgb(160, 234, 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(160, 234, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 234, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.9700, 73.5392, 105.5361 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(160, 234, 255) }
```


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

```
.border{ border-color:rgb(160, 234, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 234, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 234, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 234, 255);  
box-shadow:4px 4px 4px 4px rgb(160, 234,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9700, 73.5392, 105.5361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 234, 255) }
```

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

```
.background{ background-color: rgb(160,  
234, 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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