

Converting Colors

XYZ(70.7797, 77.7536,
154.3707)

Have a look what the booklet for
XYZ(70.7797, 77.7536, 154.3707)
contains.

XYZ(61.5630, 74.1795, 105.6811)	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(61.5630, 74.1795,
105.6811)**

Conversions

Conversions Part 1

Format	Color
Hex	9BECFF
RGB	155, 236, 255
RGB Percent	61%, 93%, 100%
CMY	0.3921, 0.0745, 0.0000
CMYK	0.39, 0.07, 0.00, 0.00
HSL	191°, 100%, 80%
HSV	191°, 39%, 100%
XYZ	61.5630, 74.1795, 105.6811
YIQ	213.9470, -54.3750, -11.2630

Conversions

Conversions Part 2

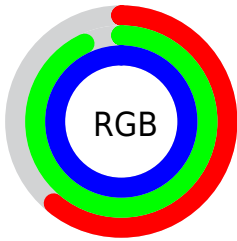
Format	Color
R_{YB}	155, 200, 255
Decimal	10218751
CIE _{Lab}	89.01, -20.01, -16.97
CIE _{LCh}	89, 26.237, 220.310
Yxy	74.1795, 0.2550, 0.3073
Android (android.graphics.Color)	4288408831 (0xFF9BECFF)
YUV	213.9470, 20.2391, -51.6965
Hunter-Lab	86.1275, -23.1333, -12.4614

Details

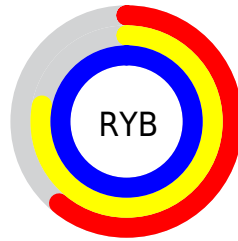
The XYZ color **61.5630, 74.1795, 105.6811** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **62.2928, 53.8988, 38.1325**, and the grayscale version is **63.7770, 67.0984, 73.0702**.

A 20% lighter version of the original color is **81.2506, 92.8861, 108.2542**, and **31.5513, 39.3164, 59.3520** is the 20% darker color. If you saturate the color by 10%, you get **55.8008, 69.1682, 105.0175**, and if you desaturate by 10%, it is **68.4004, 79.8048, 106.4065**.

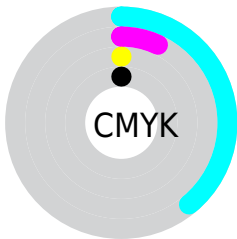
Distribution



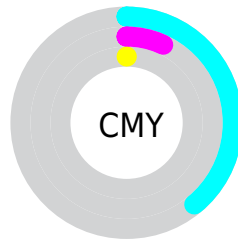
- Red (61%)
- Green (93%)
- Blue (100%)



- Red (61%)
- Yellow (78%)
- Blue (100%)



- Cyan (39%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (39%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.5630, 74.1795, 105.6811 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 61.5630, 74.1795, 105.6811 by changing the saturation by 10% instead.

61.5630, 74.1795,
105.6811

61.5630, 74.1795,
105.6811

420.0783,
475.0927, 599.6588

44.9340, 54.9410,
80.4102

106.1872,
125.1502, 171.0624

31.6065, 39.3545,
59.5278

134.9131,
157.6512, 212.0099

21.2152, 27.0356,
42.6154

168.4019,
195.3418, 259.0200

13.3947, 17.6000,
29.2543

207.0191,
238.6064, 312.5112

7.7798, 10.6632,
19.0260

251.1299,
287.8294, 372.9022

4.0050, 5.8408,
11.5121

301.0999,

1.7050, 2.7485,

343.3952, 440.6115

6.2939

357.2942,
405.6881, 516.0575

■ 0.4594, 1.0019,
2.9529

■ 0.0000, 0.0000,
1.0707

■ 61.5630, 74.1795,
105.6811

■ 61.5630, 74.1795,
105.6811

■ 55.8008, 69.1682,
105.0175

■ 68.4004, 79.8048,
106.4065

■ 51.0417, 64.7280,
104.4113

■ 76.3670, 86.0670,
107.1954

■ 47.2146, 60.8235,
103.8594

■ 85.5205, 92.9981,
108.0508

■ 44.2354, 57.4110,
103.3577

95.0500, 100.0000,
108.9000

■ 42.0048, 54.4388,
102.9016

■ 40.3732, 51.8292,
102.4839

■ 40.2561, 51.6321,
102.4520

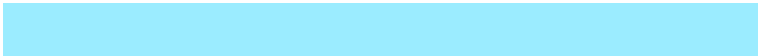
Harmonies

Analogous

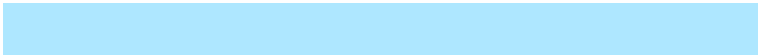
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



59.1174, 74.1795, 87.2177



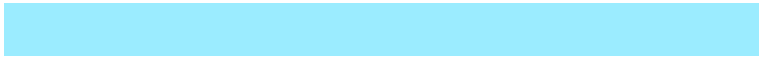
61.5630, 74.1795, 105.6811



66.4545, 74.1795, 118.5459

Triad

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



61.5630, 74.1795, 105.6811



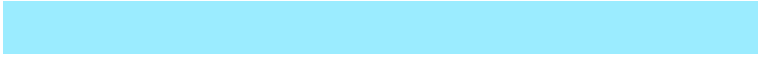
82.6908, 74.1795, 93.1870



68.3337, 74.1795, 50.9132

Complementary

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



61.5630, 74.1795, 105.6811



62.2928, 53.8988, 38.1325

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.



74.7177, 74.1795, 52.0137



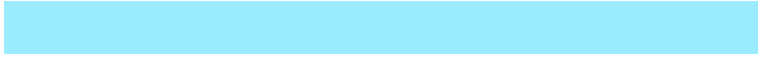
61.5630, 74.1795, 105.6811



83.2693, 74.1795, 74.6460

Square

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



61.5630, 74.1795, 105.6811



78.7383, 74.1795, 110.6133



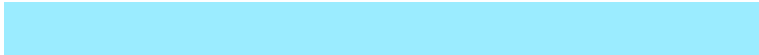
80.2743, 74.1795, 60.1159



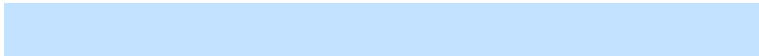
62.8673, 74.1795, 56.8424

Rectangle

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



61.5630, 74.1795, 105.6811



70.5717, 74.1795, 121.2167



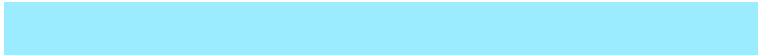
80.2743, 74.1795, 60.1159



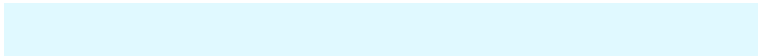
70.4391, 74.1795, 50.4979

Sweetspot

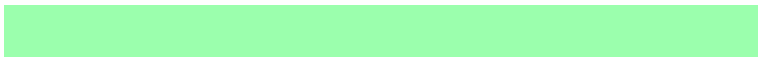
The Sweet Spot groups the original color and five complimentary colors.



61.5650, 74.1823, 105.6815



82.8481, 90.9983, 107.8056



56.8538, 81.5192, 52.4445



17.4717, 19.2806, 23.0506



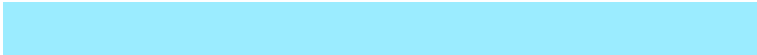
0.0000, 0.0000, 0.0000



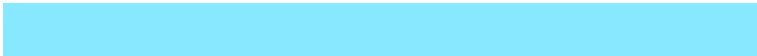
20.3446, 21.4041, 23.3091

Same Dimension

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



61.5650, 74.1823, 105.6815



56.9880, 70.2276, 105.1594



49.2686, 49.5895, 101.5827



18.2443, 19.8603, 23.1218



21.1394, 27.1884, 53.5683



2.1303, 2.7913, 5.2398

Inverse Universe

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



68.1030, 50.7604, 85.5684



64.5235, 44.4693, 81.6999



73.6339, 76.5811, 41.9129



18.6360, 18.2377, 21.9662



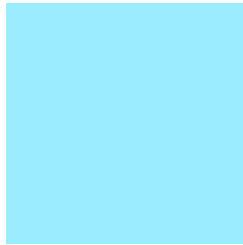
27.4584, 13.4726, 32.1280



2.7099, 1.3263, 3.3196

Previews

White Background



This preview shows how the XYZ color 61.5630, 74.1795, 105.6811 looks on a white background.

Color Contrast Check

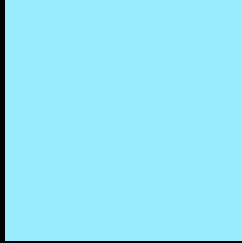
Large Text (above 18pt) WCAG AA × Fail

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 61.5630, 74.1795, 105.6811 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 61.5630, 74.1795, 105.6811

Background



This preview shows how black text looks on a background with the XYZ color 61.5630, 74.1795, 105.6811.

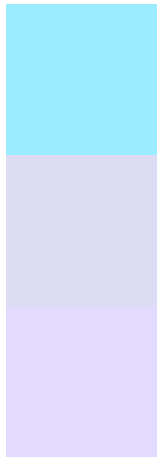


This preview shows how white text looks on a background with the XYZ color 61.5630, 74.1795,

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

61.5630, 74.1795, 105.6811

Protanopia

71.8531, 73.5211, 96.7901

Deuteranopia

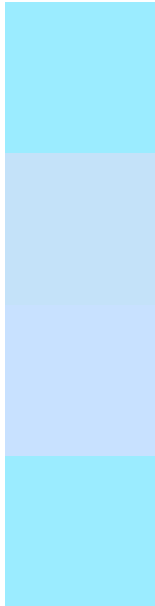
74.4854, 73.5316, 104.8749



Tritanopia

61.5630, 74.1795, 105.6811

Trichromacy



Original Color

61.5630, 74.1795, 105.6811

Protanomaly

67.0602, 72.9680, 100.1723

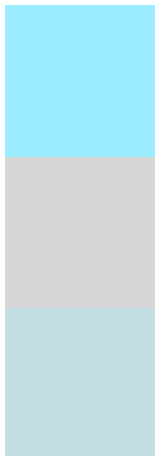
Deuteranomaly

68.7946, 73.3498, 105.1398

Tritanomaly

61.5630, 74.1795, 105.6811

Monochromacy



Original Color

61.5630, 74.1795, 105.6811

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

62.2565, 69.2372, 84.2116

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.5630, 74.1795, 105.6811 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(155, 236, 255)` looks like.

```
.text, #text, p{  
    color:rgb(155, 236, 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(155, 236, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 236, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.5630, 74.1795, 105.6811 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(155, 236, 255) }
```


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

```
.border{ border-color:rgb(155, 236, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 236, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 236, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 236, 255); box-shadow:4px 4px 4px 4px rgb(155, 236, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.5630, 74.1795, 105.6811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 236, 255) }
```

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

```
.background{ background-color: rgb(155,  
236, 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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