

Converting Colors

XYZ(65.1158, 75.7995,
122.6989)

Have a look what the booklet for
XYZ(65.1158, 75.7995, 122.6989)
contains.

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Color

**XYZ(61.7558, 74.2788,
105.6901)**

Conversions

Conversions Part 1

Format	Color
Hex	9CECFF
RGB	156, 236, 255
RGB Percent	61%, 93%, 100%
CMY	0.3882, 0.0745, 0.0000
CMYK	0.39, 0.07, 0.00, 0.00
HSL	192°, 100%, 81%
HSV	192°, 39%, 100%
XYZ	61.7558, 74.2788, 105.6901
YIQ	214.2460, -53.7790, -11.0510

Conversions

Conversions Part 2

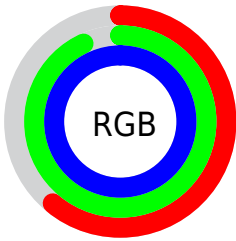
Format	Color
R _Y B	156, 200, 255
Decimal	10284287
CIE Lab	89.05, -19.76, -16.90
CIE LCh	89, 25.998, 220.539
Yxy	74.2788, 0.2555, 0.3073
Android (android.graphics.Color)	4288474367 (0xFF9CECFF)
YUV	214.2460, 20.0917, -51.0817
Hunter-Lab	86.1851, -22.9202, -12.3786

Details

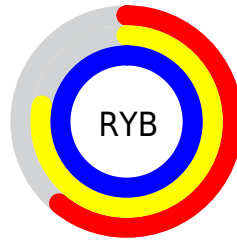
The XYZ color **61.7558, 74.2788, 105.6901** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **62.5713, 54.3207, 38.6417**, and the grayscale version is **63.9788, 67.3107, 73.3014**.

A 20% lighter version of the original color is **81.5416, 93.0361, 108.2678**, and **31.6599, 39.3724, 59.3571** is the 20% darker color. If you saturate the color by 10%, you get **55.9405, 69.2197, 105.0201**, and if you desaturate by 10%, it is **68.6495, 79.9546, 106.4223**.

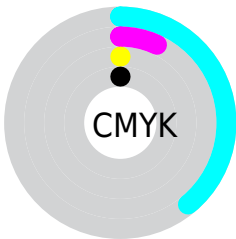
Distribution



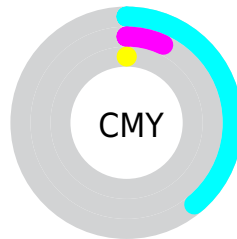
- Red (61%)
- Green (93%)
- Blue (100%)



- 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 61.7558, 74.2788, 105.6901 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 61.7558, 74.2788, 105.6901 by changing the saturation by 10% instead.

61.7558, 74.2788,
105.6901

61.7558, 74.2788,
105.6901

420.7715,
475.4350, 599.6875

45.0903, 55.0223,
80.4177

106.4644,
125.2909, 171.0748

31.7301, 39.4195,
59.5340

135.2383,
157.8153, 212.0242

21.3100, 27.0863,
42.6203

168.7789,
195.5311, 259.0363

13.4645, 17.6380,
29.2581

207.4517,
238.8227, 312.5298

7.8284, 10.6904,
19.0289

251.6220,
288.0745, 372.9231

4.0362, 5.8591,
11.5141

301.6552,

1.7226, 2.7596,

343.6709, 440.6348

6.2953

357.9166,
405.9963, 516.0834

■ 0.4704, 1.0075,
2.9538

■ 0.0000, 0.0000,
1.0711

■ 61.7558, 74.2788,
105.6901

■ 61.7558, 74.2788,
105.6901

■ 55.9405, 69.2197,
105.0201

■ 68.6495, 79.9546,
106.4223

■ 51.1319, 64.7347,
104.4079

■ 76.6755, 86.2701,
107.2183

■ 47.2588, 60.7885,
103.8503

■ 85.8912, 93.2571,
108.0812

■ 44.2381, 57.3375,
103.3434

95.0500, 100.0000,
108.9000

■ 41.9710, 54.3305,
102.8825

■ 40.3146, 51.6933,
102.4607

■ 40.1378, 51.3956,
102.4126

Harmonies

Analogous

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



59.3068, 74.2788, 87.4155



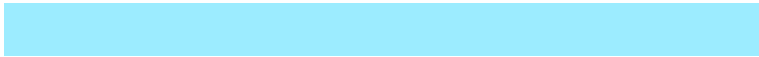
61.7558, 74.2788, 105.6901



66.6254, 74.2788, 118.3577

Triad

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



61.7558, 74.2788, 105.6901



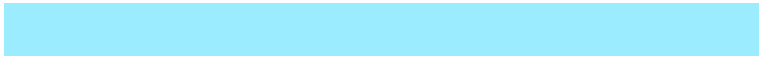
82.6971, 74.2788, 93.0435



68.3989, 74.2788, 51.2427

Complementary

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



61.7558, 74.2788, 105.6901



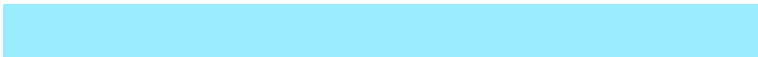
62.5713, 54.3207, 38.6417

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.



74.7291, 74.2788, 52.2841



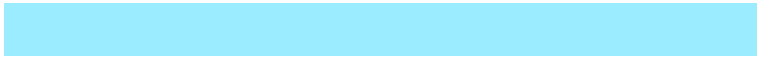
61.7558, 74.2788, 105.6901



83.2424, 74.2788, 74.6729

Square

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



61.7558, 74.2788, 105.6901



78.8021, 74.2788, 110.3354



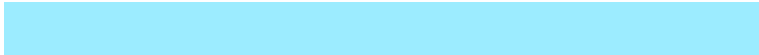
80.2502, 74.2788, 60.2874



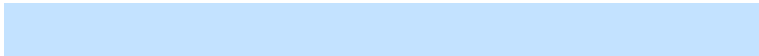
62.9873, 74.2788, 57.1925

Rectangle

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



61.7558, 74.2788, 105.6901



70.7142, 74.2788, 120.9389



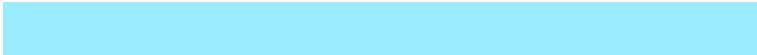
80.2502, 74.2788, 60.2874



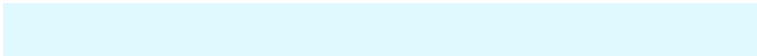
70.4854, 74.2788, 50.8117

Sweetspot

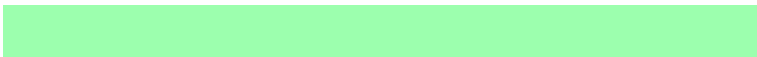
The Sweet Spot groups the original color and five complimentary colors.



61.7578, 74.2816, 105.6905



82.8299, 90.9619, 107.7995



57.1262, 81.6504, 52.8723



17.4674, 19.2720, 23.0492



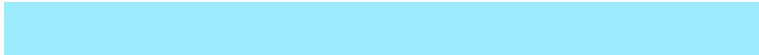
0.0000, 0.0000, 0.0000



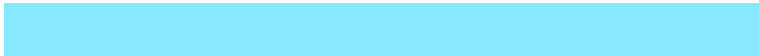
20.3446, 21.4041, 23.3091

Same Dimension

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



61.7578, 74.2816, 105.6905



56.9231, 70.0978, 105.1378



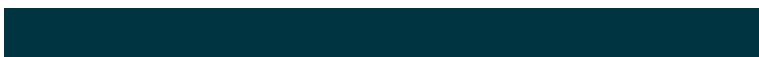
49.6066, 49.9791, 101.6401



18.2412, 19.8541, 23.1207



21.0783, 27.0663, 53.5479



2.1249, 2.7804, 5.2380

Inverse Universe

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



68.2702, 51.0949, 85.6240



64.4907, 44.4562, 81.5274



73.8032, 76.7846, 42.3857



18.6344, 18.2371, 21.9579



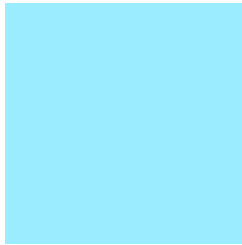
27.4276, 13.4603, 31.9657



2.7071, 1.3252, 3.3052

Previews

White Background



This preview shows how the XYZ color 61.7558, 74.2788, 105.6901 looks on a white background.

Color Contrast Check

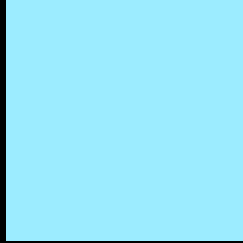
Large Text (above 18pt) WCAG AA × Fail

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 61.7558, 74.2788, 105.6901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

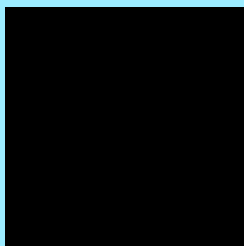
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.7558, 74.2788, 105.6901

Background



This preview shows how black text looks on a background with the XYZ color 61.7558, 74.2788, 105.6901.

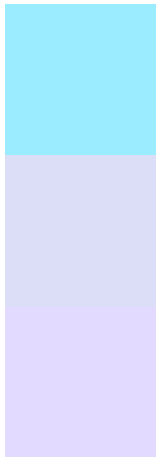


This preview shows how white text looks on a background with the XYZ color 61.7558, 74.2788,

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

61.7558, 74.2788, 105.6901

Protanopia

72.0062, 73.5824, 97.5965

Deuteranopia

74.4854, 73.5316, 104.8749



Tritanopia

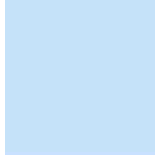
61.7558, 74.2788, 105.6901

Trichromacy



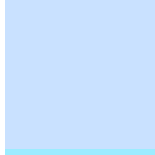
Original Color

61.7558, 74.2788, 105.6901



Protanomaly

67.3212, 73.1026, 100.1845



Deuteranomaly

69.0626, 73.4879, 105.1523



Tritanomaly

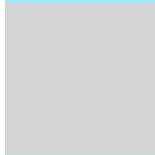
61.7558, 74.2788, 105.6901

Monochromacy



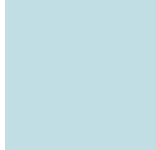
Original Color

61.7558, 74.2788, 105.6901



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 61.7558, 74.2788, 105.6901 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(156, 236, 255)` looks like.

```
.text, #text, p{  
    color:rgb(156, 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(156, 236, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 236, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.7558, 74.2788, 105.6901 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(156, 236, 255) }
```


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

```
.border{ border-color:rgb(156, 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(156, 236, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 236, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 236, 255);  
box-shadow:4px 4px 4px 4px rgb(156, 236,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7558, 74.2788, 105.6901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 236, 255) }
```

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

```
.background{ background-color: rgb(156,  
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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