

Converting Colors

XYZ(61.8775, 73.1042, 99.1218)

Have a look what the booklet for
XYZ(61.8775, 73.1042, 99.1218)
contains.

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Color

**XYZ(61.8638, 73.2087,
98.8658)**

Conversions

Conversions Part 1

Format	Color
Hex	A7E9F7
RGB	167, 233, 247
RGB Percent	65%, 91%, 97%
CMY	0.3451, 0.0863, 0.0314
CMYK	0.32, 0.06, 0.00, 0.03
HSL	190°, 83%, 81%
HSV	190°, 32%, 97%
XYZ	61.8638, 73.2087, 98.8658
YIQ	214.8620, -43.8300, -9.6380

Conversions

Conversions Part 2

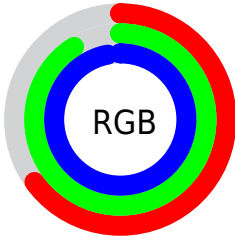
Format	Color
R _Y B	167, 203, 247
Decimal	11004407
CIE Lab	88.55, -17.32, -13.41
CIE LCh	89, 21.908, 217.758
Yxy	73.2087, 0.2644, 0.3129
Android (android.graphics.Color)	4289194487 (0xFFA7E9F7)
YUV	214.8620, 15.8440, -41.9750
Hunter-Lab	85.5621, -20.6731, -8.6153

Details

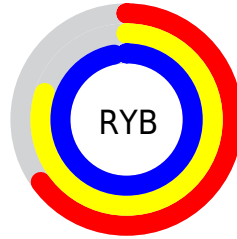
The XYZ color **61.8638, 73.2087, 98.8658** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **61.8578, 55.6128, 44.0352**, and the grayscale version is **64.4172, 67.7719, 73.8037**.

A 20% lighter version of the original color is **84.5505, 94.5873, 108.4086**, and **31.8082, 38.6506, 55.0741** is the 20% darker color. If you saturate the color by 10%, you get **55.9278, 68.3562, 98.2433**, and if you desaturate by 10%, it is **68.8308, 78.6407, 99.5483**.

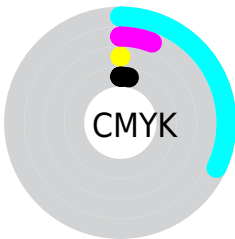
Distribution



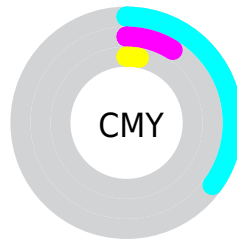
- Red (65%)
- Green (91%)
- Blue (97%)



- Red (65%)
- Yellow (80%)
- Blue (97%)



- Cyan (32%)
- Magenta (6%)
- Yellow (0%)
- Black (3%)



- Cyan (35%)
- Magenta (9%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.8638, 73.2087, 98.8658 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 61.8638, 73.2087, 98.8658 by changing the saturation by 10% instead.

61.8638, 73.2087,
98.8658

61.8638, 73.2087,
98.8658

421.1596,
471.7378, 577.7658

45.1778, 54.1466,
74.7421

106.6197,
123.7734, 161.6359

31.7994, 38.7189,
54.9011

135.4204,
156.0449, 201.1194

21.3631, 26.5411,
38.9245

168.9900,
193.4883, 246.5598

13.5037, 17.2289,
26.3936

207.6939,
236.4880, 298.3758

7.8557, 10.3978,
16.8899

251.8974,
285.4284, 356.9858

4.0538, 5.6635,
9.9949

301.9660,

1.7326, 2.6416,

340.6939, 422.8085

5.2900

358.2649,
402.6689, 496.2623

■ 0.4765, 0.9476,
2.3567

■ 0.0000, 0.0000,
0.7627

■ 61.8638, 73.2087,
98.8658

■ 61.8638, 73.2087,
98.8658

■ 55.9278, 68.3562,
98.2433

■ 68.8308, 78.6407,
99.5483

■ 50.9589, 64.0447,
97.6730

■ 76.8746, 84.6709,
100.2883

■ 46.8965, 60.2443,
97.1535

■ 86.0465, 91.3277,
101.0898

■ 43.6702, 56.9185,
96.6816

■ 92.3050, 96.5280,
101.7637

■ 41.1988, 54.0251,
96.2534

■ 93.6655, 99.2490,
102.2172

■ 39.3840, 51.5131,
95.8642

■ 93.7887, 99.4955,
102.2583

■ 38.3301, 49.7982,
95.5887

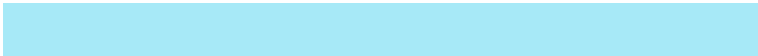
Harmonies

Analogous

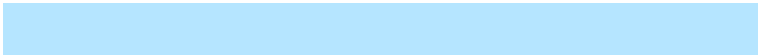
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



60.0038, 73.2087, 83.6999



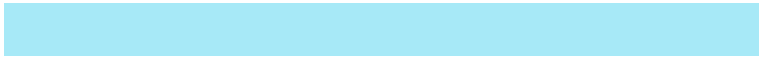
61.8638, 73.2087, 98.8658



65.8116, 73.2087, 109.7530

Triad

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



61.8638, 73.2087, 98.8658



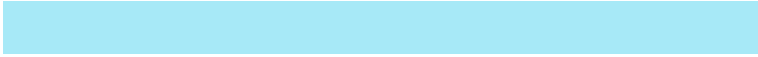
79.4049, 73.2087, 91.2270



68.2217, 73.2087, 54.2426

Complementary

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



61.8638, 73.2087, 98.8658



61.8578, 55.6128, 44.0352

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.



73.4951, 73.2087, 55.7232



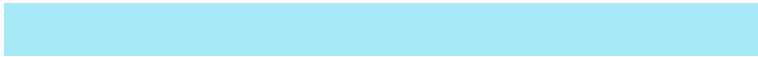
61.8638, 73.2087, 98.8658



80.1302, 73.2087, 75.8525

Square

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



61.8638, 73.2087, 98.8658



75.9836, 73.2087, 104.9686



77.9183, 73.2087, 63.2067



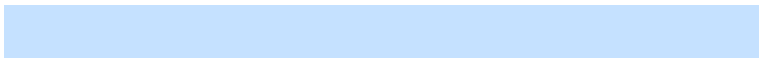
63.5517, 73.2087, 58.8709

Rectangle

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



61.8638, 73.2087, 98.8658



69.1864, 73.2087, 112.4233



77.9183, 73.2087, 63.2067



69.9804, 73.2087, 54.0543

Sweetspot

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



61.8660, 73.2116, 98.8675



84.8760, 92.6666, 108.0207



57.4710, 78.0474, 55.3958



17.8822, 19.6257, 23.0956



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.



61.8660, 73.2116, 98.8675



62.1313, 75.1590, 105.8402



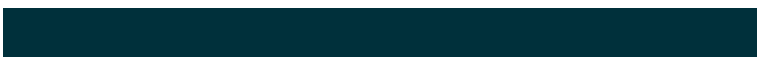
51.9443, 53.3681, 95.5602



16.7356, 18.2355, 21.1803



20.3651, 26.5240, 50.5843



1.8533, 2.4579, 4.4670

Inverse Universe

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



66.8863, 53.2967, 83.8559



68.4268, 51.0357, 86.8248



71.0151, 73.9274, 47.0876



17.0819, 16.7156, 20.1777



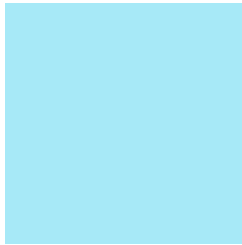
26.0839, 12.7770, 31.4798



2.3245, 1.1358, 2.9352

Previews

White Background



This preview shows how the XYZ color 61.8638, 73.2087, 98.8658 looks on a white background.

Color Contrast Check

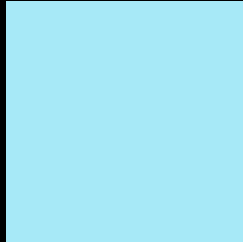
Large Text (above 18pt) WCAG AA × Fail

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 61.8638, 73.2087, 98.8658 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 61.8638, 73.2087, 98.8658

Background



This preview shows how black text looks on a background with the XYZ color 61.8638, 73.2087, 98.8658.

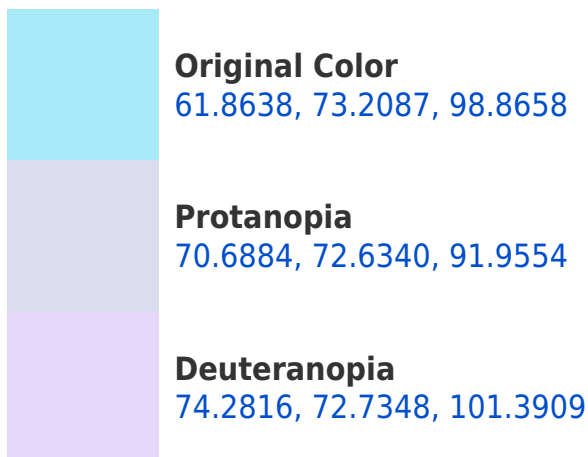


This preview shows how white text looks on a background with the XYZ color 61.8638, 73.2087,

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

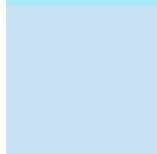
62.4176, 73.0031, 102.0680

Trichromacy



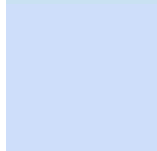
Original Color

61.8638, 73.2087, 98.8658



Protanomaly

67.0396, 72.6787, 94.4994



Deuteranomaly

68.8302, 72.2665, 100.7636



Tritanomaly

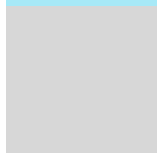
62.2604, 72.9402, 101.2399

Monochromacy



Original Color

61.8638, 73.2087, 98.8658



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

63.2751, 69.7944, 82.8098

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8638, 73.2087, 98.8658 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, 233, 247)` looks like.

```
.text, #text, p{  
    color:rgb(167, 233, 247)  
}
```

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, 233, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 233, 247) }
```

Border

The CSS property to change the border of an element to XYZ 61.8638, 73.2087, 98.8658 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, 233, 247) }
```


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

```
.border{ border-color:rgb(167, 233, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 233, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 233, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 233, 247);  
box-shadow:4px 4px 4px 4px rgb(167, 233,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8638, 73.2087, 98.8658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 233, 247) }
```

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

```
.background{ background-color: rgb(167,  
233, 247) }
```

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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