

Converting Colors

XYZ(60.4242, 72.3975,
103.2593)

Have a look what the booklet for
XYZ(60.4242, 72.3975, 103.2593)
contains.

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Color

**XYZ(60.4199, 72.3740,
102.8806)**

Conversions

Conversions Part 1

Format	Color
Hex	9CE9FC
RGB	156, 233, 252
RGB Percent	61%, 91%, 99%
CMY	0.3882, 0.0863, 0.0118
CMYK	0.38, 0.08, 0.00, 0.01
HSL	192°, 94%, 80%
HSV	192°, 38%, 99%
XYZ	60.4199, 72.3740, 102.8806
YIQ	212.1430, -51.9910, -10.4150

Conversions

Conversions Part 2

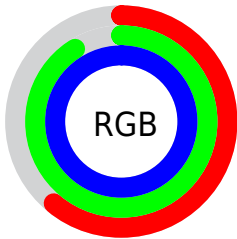
Format	Color
RYB	156, 199, 252
Decimal	10283516
CIELab	88.15, -19.00, -16.69
CIElCh	88, 25.288, 221.297
Yxy	72.3740, 0.2564, 0.3071
Android (android.graphics.Color)	4288473596 (0xFF9CE9FC)
YUV	212.1430, 19.6495, -49.2374
Hunter-Lab	85.0729, -22.1045, -12.1497

Details

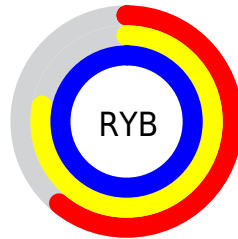
The XYZ color **60.4199, 72.3740, 102.8806** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **61.4769, 53.7568, 38.5903**, and the grayscale version is **62.5744, 65.8332, 71.6923**.

A 20% lighter version of the original color is **81.5416, 93.0361, 108.2678**, and **30.8280, 38.0937, 57.3578** is the 20% darker color. If you saturate the color by 10%, you get **54.6488, 67.3342, 102.2133**, and if you desaturate by 10%, it is **67.2469, 78.0207, 103.6120**.

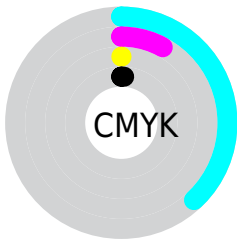
Distribution



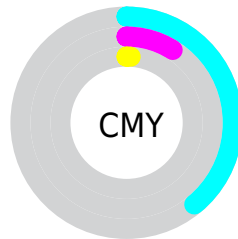
- Red (61%)
- Green (91%)
- Blue (99%)



- Red (61%)
- Yellow (78%)
- Blue (99%)



- Cyan (38%)
- Magenta (8%)
- Yellow (0%)
- Black (1%)



- Cyan (39%)
- Magenta (9%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.4199, 72.3740, 102.8806 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 60.4199, 72.3740, 102.8806 by changing the saturation by 10% instead.

60.4199, 72.3740,
102.8806

60.4199, 72.3740,
102.8806

415.9538,
468.8423, 590.7146

44.0079, 53.4642,
78.0782

104.5414,
122.5881, 167.1965

30.8747, 38.1735,
57.6214

132.9817,
154.6613, 207.5470

20.6548, 26.1174,
41.0916

166.1621,
191.8910, 253.9173

12.9829, 16.9115,
28.0705

204.4480,
234.6617, 306.7260

7.4937, 10.1714,
18.1393

248.2048,
283.3578, 366.3915

3.8218, 5.5127,
10.8796

297.7978,

1.6018, 2.5511,

338.3637, 433.3324

5.8727

353.5923,
400.0637, 507.9672

■ 0.3936, 0.9022,
2.7003

■ 0.0000, 0.0000,
0.9436

■ 60.4199, 72.3740,
102.8806

■ 60.4199, 72.3740,
102.8806

■ 54.6488, 67.3342,
102.2133

■ 67.2469, 78.0207,
103.6120

■ 49.8635, 62.8597,
101.6018

■ 75.1810, 84.2962,
104.4051

■ 45.9960, 58.9166,
101.0445

■ 84.2781, 91.2314,
105.2642

■ 42.9660, 55.4630,
100.5376

■ 93.9211, 98.5087,
106.1607

■ 40.6791, 52.4498,
100.0766

94.5709, 99.8084,
106.3773

■ 39.0063, 49.8100,
99.6552

■ 38.7223, 49.3311,
99.5777

Harmonies

Analogous

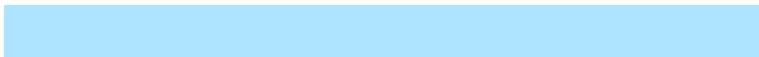
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



58.0077, 72.3740, 85.5065



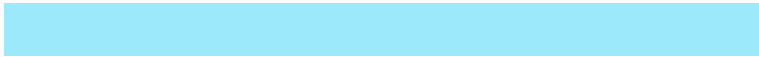
60.4199, 72.3740, 102.8806



65.1286, 72.3740, 114.7316

Triad

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



60.4199, 72.3740, 102.8806



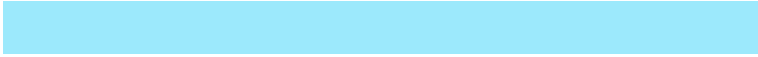
80.3984, 72.3740, 89.9682



66.5371, 72.3740, 50.4561

Complementary

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



60.4199, 72.3740, 102.8806



61.4769, 53.7568, 38.5903

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.



72.5847, 72.3740, 51.2874



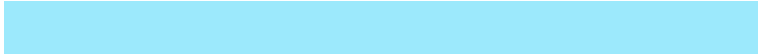
60.4199, 72.3740, 102.8806



80.8304, 72.3740, 72.4593

Square

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



60.4199, 72.3740, 102.8806



76.7501, 72.3740, 106.5558



77.8980, 72.3740, 58.8096



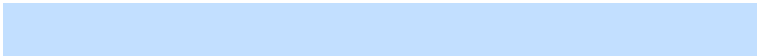
61.3989, 72.3740, 56.3431

Rectangle

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



60.4199, 72.3740, 102.8806



69.0528, 72.3740, 116.9937



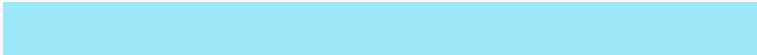
77.8980, 72.3740, 58.8096



68.5265, 72.3740, 49.9847

Sweetspot

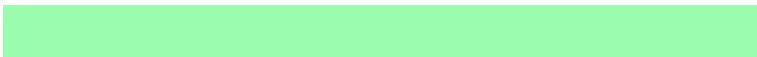
The Sweet Spot groups the original color and five complimentary colors.



60.4221, 72.3768, 102.8823



83.7274, 91.5720, 107.8700



56.1234, 79.7307, 52.2737



17.6448, 19.3905, 23.0627



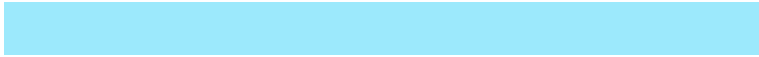
0.0000, 0.0000, 0.0000



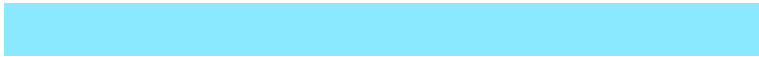
20.3446, 21.4041, 23.3091

Same Dimension

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



60.4221, 72.3768, 102.8823



57.2783, 70.1910, 105.1371



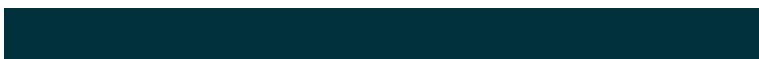
48.9261, 49.3847, 99.0503



17.4569, 18.9906, 22.1308



20.2769, 25.9094, 51.9059



1.9497, 2.5431, 4.8313

Inverse Universe

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



66.7432, 50.3575, 83.2960



64.8207, 45.1651, 81.4865



72.1623, 75.1278, 42.1521



17.8372, 17.4622, 20.9982



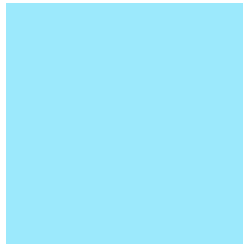
26.5269, 13.0265, 30.5466



2.4931, 1.2210, 3.0198

Previews

White Background



This preview shows how the XYZ color 60.4199, 72.3740, 102.8806 looks on a white background.

Color Contrast Check

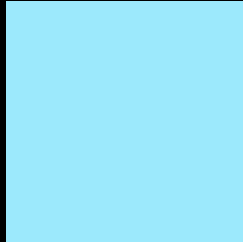
Large Text (above 18pt) WCAG AA × Fail

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 60.4199, 72.3740, 102.8806 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 60.4199, 72.3740, 102.8806

Background



This preview shows how black text looks on a background with the XYZ color 60.4199, 72.3740, 102.8806.

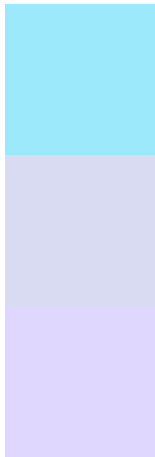


This preview shows how white text looks on a background with the XYZ color 60.4199, 72.3740,

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

60.4199, 72.3740, 102.8806

Protanopia

70.1245, 71.8858, 94.9734

Deuteranopia

73.0909, 71.6682, 104.5888



Tritanopia

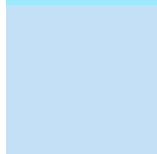
60.4199, 72.3740, 102.8806

Trichromacy



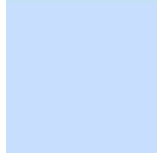
Original Color

60.4199, 72.3740, 102.8806



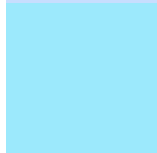
Protanomaly

65.7959, 71.5672, 97.5348



Deuteranomaly

67.5639, 71.5404, 104.0136



Tritanomaly

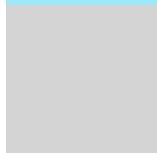
60.4199, 72.3740, 102.8806

Monochromacy



Original Color

60.4199, 72.3740, 102.8806



Achromatopsia

62.5785, 65.8375, 71.6970



Achromatomaly

61.1966, 67.9389, 82.5612

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.4199, 72.3740, 102.8806 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, 233, 252)` looks like.

```
.text, #text, p{  
    color:rgb(156, 233, 252)  
}
```

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, 233, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 233, 252) }
```

Border

The CSS property to change the border of an element to XYZ 60.4199, 72.3740, 102.8806 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, 233, 252) }
```


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

```
.border{ border-color:rgb(156, 233, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 233, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 233, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 233, 252);  
box-shadow:4px 4px 4px 4px rgb(156, 233,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4199, 72.3740, 102.8806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 233, 252) }
```

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

```
.background{ background-color: rgb(156,  
233, 252) }
```

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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