

Converting Colors

XYZ(60.5018, 69.8841, 99.5716)

Have a look what the booklet for
XYZ(60.5018, 69.8841, 99.5716)
contains.

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Color

**XYZ(60.7164, 70.1026,
99.9536)**

Conversions

Conversions Part 1

Format	Color
Hex	A8E3F9
RGB	168, 227, 249
RGB Percent	66%, 89%, 98%
CMY	0.3412, 0.1098, 0.0235
CMYK	0.33, 0.09, 0.00, 0.02
HSL	196°, 87%, 82%
HSV	196°, 33%, 98%
XYZ	60.7164, 70.1026, 99.9536
YIQ	211.8670, -42.2260, -5.6660

Conversions

Conversions Part 2

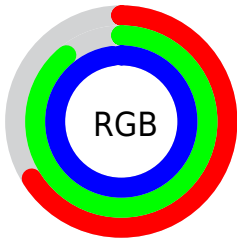
Format	Color
R _Y B	168, 202, 249
Decimal	11068409
CIE Lab	87.05, -13.55, -16.71
CIE LCh	87, 21.513, 230.958
Yxy	70.1026, 0.2631, 0.3038
Android (android.graphics.Color)	4289258489 (0xFFA8E3F9)
YUV	211.8670, 18.3066, -38.4714
Hunter-Lab	83.7273, -17.0802, -12.1713

Details

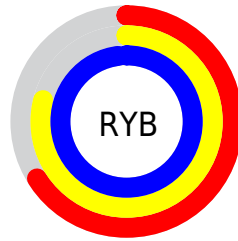
The XYZ color **60.7164, 70.1026, 99.9536** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **64.5492, 59.7944, 45.1868**, and the grayscale version is **62.3951, 65.6445, 71.4869**.

A 20% lighter version of the original color is **84.8613, 94.7476, 108.4232**, and **31.1882, 36.8660, 55.9241** is the 20% darker color. If you saturate the color by 10%, you get **54.1015, 64.0020, 99.1259**, and if you desaturate by 10%, it is **68.4233, 76.8772, 100.8562**.

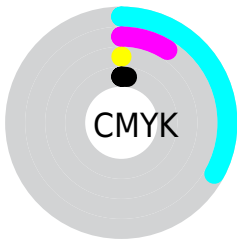
Distribution



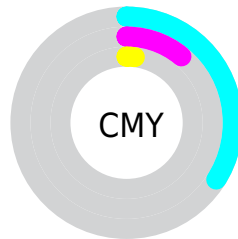
- Red (66%)
- Green (89%)
- Blue (98%)



- Red (66%)
- Yellow (79%)
- Blue (98%)



- Cyan (33%)
- Magenta (9%)
- Yellow (0%)
- Black (2%)



- Cyan (34%)
- Magenta (11%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.7164, 70.1026, 99.9536 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 60.7164, 70.1026, 99.9536 by changing the saturation by 10% instead.

60.7164, 70.1026,
99.9536

60.7164, 70.1026,
99.9536

417.0259,
460.9102, 581.2893

44.2480, 51.6102,
75.6451

104.9686,
119.3551, 163.1447

31.0643, 36.6945,
55.6366

133.4832,
150.8839, 202.8645

20.7999, 24.9710,
39.5096

166.7438,
187.5270, 248.5584

13.0894, 16.0555,
26.8455

205.1159,
229.6687, 300.6450

7.5676, 9.5634,
17.2258

248.9648,
277.6935, 359.5428

3.8690, 5.1105,
10.2320

298.6559,

1.6283, 2.3122,

331.9858, 425.6705

5.4454

354.5545,
392.9299, 499.4465

■ 0.4107, 0.7802,
2.4476

■ 0.0000, 0.0000,
0.8122

■ 60.7164, 70.1026,
99.9536

■ 60.7164, 70.1026,
99.9536

■ 54.1015, 64.0020,
99.1259

■ 68.4233, 76.8772,
100.8562

■ 48.5130, 58.5356,
98.3653

■ 77.2699, 84.3469,
101.8318

■ 43.8885, 53.6715,
97.6702

■ 87.3090, 92.5414,
102.8843

■ 40.1551, 49.3709,
97.0369

■ 93.7979, 99.0172,
103.7923

■ 37.2292, 45.5894,
96.4612

■ 94.0991, 99.6196,
103.8927

■ 35.0097, 42.2736,
95.9382

■ 33.7001, 40.0416,
95.5764

Harmonies

Analogous

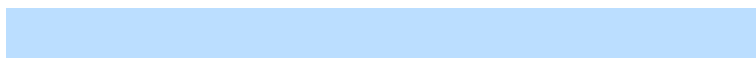
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



57.9923, 70.1026, 86.6831



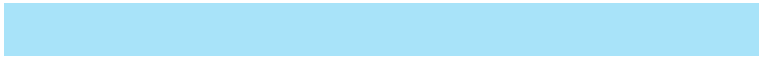
60.7164, 70.1026, 99.9536



65.1205, 70.1026, 107.1169

Triad

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



60.7164, 70.1026, 99.9536



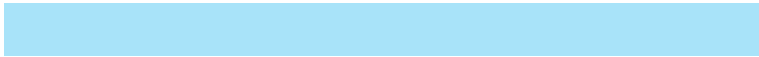
76.6561, 70.1026, 80.7706



63.2271, 70.1026, 53.2548

Complementary

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



60.7164, 70.1026, 99.9536



64.5492, 59.7944, 45.1868

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.



68.1635, 70.1026, 52.0914



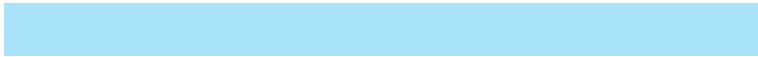
60.7164, 70.1026, 99.9536



76.0864, 70.1026, 66.8356

Square

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



60.7164, 70.1026, 99.9536



74.4362, 70.1026, 95.1604



72.9165, 70.1026, 56.7565



59.3903, 70.1026, 60.1633

Rectangle

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



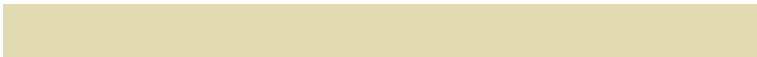
60.7164, 70.1026, 99.9536



68.4878, 70.1026, 106.9152



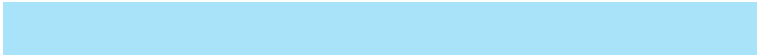
72.9165, 70.1026, 56.7565



64.8069, 70.1026, 52.2163

Sweetspot

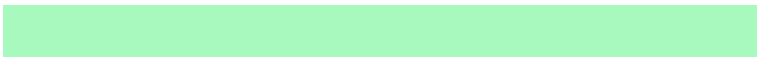
The Sweet Spot groups the original color and five complimentary colors.



60.7185, 70.1054, 99.9552



84.1133, 91.1412, 107.7665



59.2762, 79.7778, 60.7624



17.6968, 19.2549, 23.0338



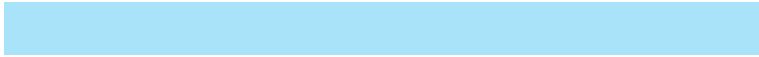
0.0000, 0.0000, 0.0000



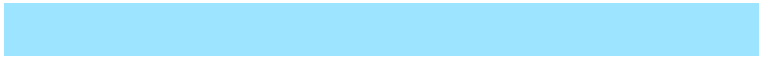
20.3446, 21.4041, 23.3091

Same Dimension

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



60.7185, 70.1054, 99.9552



59.4145, 69.7254, 104.9346



50.9980, 50.6643, 96.7150



17.3438, 18.7645, 22.0931



18.1630, 21.6817, 51.2012



1.7701, 2.1839, 4.7714

Inverse Universe

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



66.9364, 53.6928, 79.5120



67.0555, 50.4872, 79.6036



74.4608, 79.6177, 48.4907



17.7801, 17.4394, 20.6977



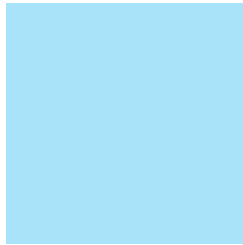
25.4599, 12.5997, 24.9279



2.4024, 1.1847, 2.5424

Previews

White Background



This preview shows how the XYZ color 60.7164, 70.1026, 99.9536 looks on a white background.

Color Contrast Check

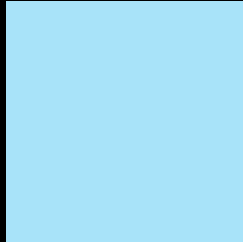
Large Text (above 18pt) WCAG AA × Fail

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 60.7164, 70.1026, 99.9536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

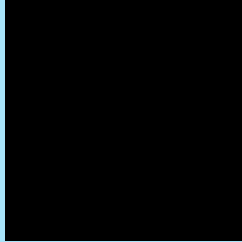
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.7164, 70.1026, 99.9536

Background



This preview shows how black text looks on a background with the XYZ color 60.7164, 70.1026, 99.9536.

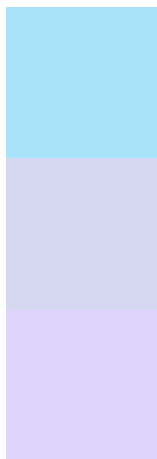


This preview shows how white text looks on a background with the XYZ color 60.7164, 70.1026,

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

60.7164, 70.1026, 99.9536

Protanopia

68.3144, 69.8187, 93.8802

Deuteranopia

71.2384, 69.6448, 101.7836



Tritanopia

60.3143, 70.3561, 97.5900

Trichromacy



Original Color

60.7164, 70.1026, 99.9536

Protanomaly

65.1006, 69.6493, 96.3987

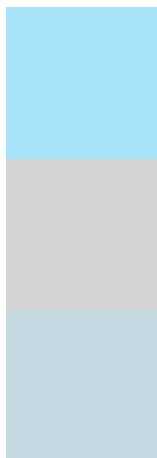
Deuteranomaly

66.5826, 69.1473, 101.1043

Tritanomaly

60.4683, 70.4177, 98.4006

Monochromacy



Original Color

60.7164, 70.1026, 99.9536

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.1684, 66.7977, 80.9035

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7164, 70.1026, 99.9536 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(168, 227, 249)` looks like.

```
.text, #text, p{  
    color:rgb(168, 227, 249)  
}
```

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(168, 227, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 227, 249) }
```

Border

The CSS property to change the border of an element to XYZ 60.7164, 70.1026, 99.9536 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(168, 227, 249) }
```


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

```
.border{ border-color:rgb(168, 227, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 227, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 227, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 227, 249);  
box-shadow:4px 4px 4px 4px rgb(168, 227,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7164, 70.1026, 99.9536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 227, 249) }
```

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

```
.background{ background-color: rgb(168,  
227, 249) }
```

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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