

Converting Colors

XYZ(61.0605, 69.2993, 98.1406)

Have a look what the booklet for
XYZ(61.0605, 69.2993, 98.1406)
contains.

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Color

**XYZ(60.8997, 69.0254,
98.1092)**

Conversions

Conversions Part 1

Format	Color
Hex	AEE0F7
RGB	174, 224, 247
RGB Percent	68%, 88%, 97%
CMY	0.3176, 0.1216, 0.0314
CMYK	0.30, 0.09, 0.00, 0.03
HSL	199°, 82%, 83%
HSV	199°, 30%, 97%
XYZ	60.8997, 69.0254, 98.1092
YIQ	211.6720, -37.1830, -3.4470

Conversions

Conversions Part 2

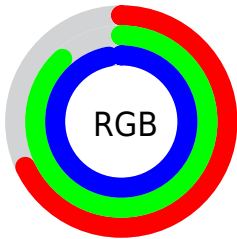
Format	Color
RYB	174, 204, 247
Decimal	11460855
CIELab	86.52, -10.83, -16.42
CIELCh	87, 19.671, 236.591
Yxy	69.0254, 0.2671, 0.3027
Android (android.graphics.Color)	4289650935 (0xFFAEE0F7)
YUV	211.6720, 17.4167, -33.0383
Hunter-Lab	83.0815, -14.5501, -11.8572

Details

The XYZ color **60.8997, 69.0254, 98.1092** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **65.9649, 62.7632, 48.6838**, and the grayscale version is **62.2691, 65.5119, 71.3425**.

A 20% lighter version of the original color is **86.7650, 95.7289, 108.5123**, and **31.1997, 36.0595, 54.6060** is the 20% darker color. If you saturate the color by 10%, you get **53.8515, 62.3596, 97.1952**, and if you desaturate by 10%, it is **69.0596, 76.4097, 99.1056**.

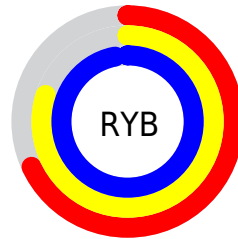
Distribution



Red (68%)

Green (88%)

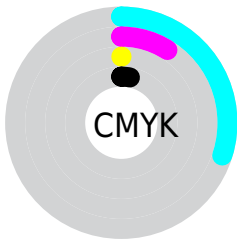
Blue (97%)



Red (68%)

Yellow (80%)

Blue (97%)

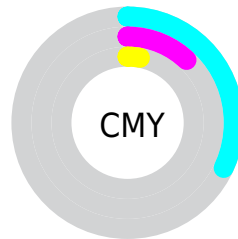


Cyan (30%)

Magenta (9%)

Yellow (0%)

Black (3%)



Cyan (32%)

Magenta (12%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.8997, 69.0254, 98.1092 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 60.8997, 69.0254, 98.1092 by changing the saturation by 10% instead.

60.8997, 69.0254,
98.1092

60.8997, 69.0254,
98.1092

417.6879,
457.1206, 575.3082

44.3965, 50.7324,
74.1143

105.2326,
117.8179, 160.5855

31.1816, 35.9957,
54.3903

133.7930,
149.0861, 199.9040

20.8896, 24.4309,
38.5185

167.1032,
185.4482, 245.1675

13.1554, 15.6535,
26.0804

205.5285,
227.2886, 296.7945

7.6134, 9.2793,
16.6575

249.4342,
274.9916, 355.2035

3.8983, 4.9238,
9.8312

299.1858,

1.6447, 2.2026,

328.9417, 420.8131

5.1831

355.1486,
389.5232, 494.0418

0.4213, 0.7214,
2.2945

0.0000, 0.0000,
0.7281

60.8997, 69.0254,
98.1092

60.8997, 69.0254,
98.1092

53.8515, 62.3596,
97.1952

69.0596, 76.4097,
99.1056

47.8520, 56.3729,
96.3559

78.3775, 84.5333,
100.1825

42.8410, 51.0342,
95.5895

88.9044, 93.4259,
101.3441

38.7494, 46.3057,
94.8925

93.7887, 99.4955,
102.2582

■ 35.4983, 42.1450,
94.2607

■ 32.9942, 38.5016,
93.6895

■ 31.0901, 35.2977,
93.1714

■ 31.0115, 35.1610,
93.1492

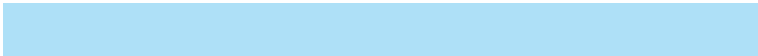
Harmonies

Analogous

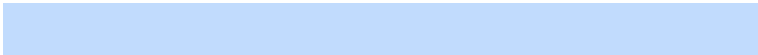
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



58.0796, 69.0254, 86.9576



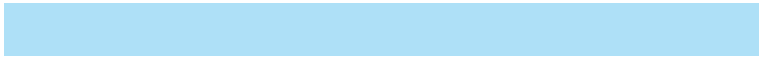
60.8997, 69.0254, 98.1092



65.0870, 69.0254, 103.0905

Triad

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



60.8997, 69.0254, 98.1092



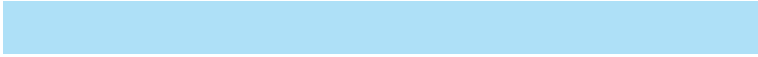
74.7470, 69.0254, 76.6588



61.7624, 69.0254, 54.8777

Complementary

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



60.8997, 69.0254, 98.1092



65.9649, 62.7632, 48.6838

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.



66.1289, 69.0254, 52.7886



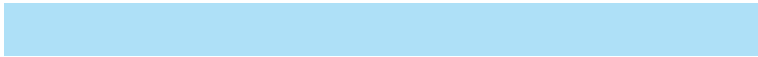
60.8997, 69.0254, 98.1092



73.7573, 69.0254, 64.4753

Square

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



60.8997, 69.0254, 98.1092



73.1955, 69.0254, 89.8368



70.5499, 69.0254, 56.0964



58.5612, 69.0254, 62.1702

Rectangle

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



60.8997, 69.0254, 98.1092



68.1403, 69.0254, 101.8605



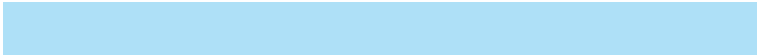
70.5499, 69.0254, 56.0964



63.1365, 69.0254, 53.5830

Sweetspot

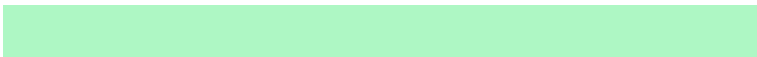
The Sweet Spot groups the original color and five complimentary colors.



60.9018, 69.0282, 98.1108



84.8416, 91.3776, 107.7737



60.6702, 79.5026, 64.3144



17.8279, 19.2739, 23.0305



0.0000, 0.0000, 0.0000



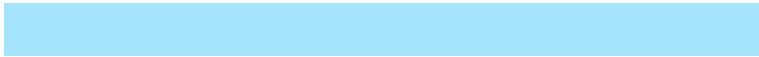
20.3446, 21.4041, 23.3091

Same Dimension

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



60.9018, 69.0282, 98.1108



61.1606, 70.1742, 104.9292



52.3573, 51.9391, 95.2626



16.5307, 17.8257, 21.1120



16.5338, 18.8613, 49.3072



1.5450, 1.8414, 4.3642

Inverse Universe

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



66.9501, 55.4298, 77.6944



68.6798, 53.9812, 79.3880



74.9684, 80.7703, 51.6850



16.9785, 16.6742, 19.6331



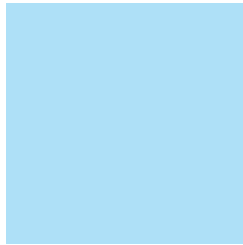
24.1500, 12.0034, 21.2960



2.1689, 1.0735, 2.1158

Previews

White Background



This preview shows how the XYZ color 60.8997, 69.0254, 98.1092 looks on a white background.

Color Contrast Check

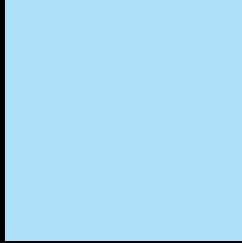
Large Text (above 18pt) WCAG AA × Fail

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 60.8997, 69.0254, 98.1092 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

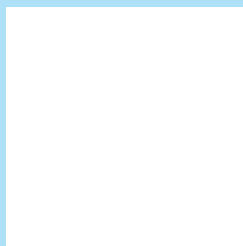
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.8997, 69.0254, 98.1092

Background



This preview shows how black text looks on a background with the XYZ color 60.8997, 69.0254, 98.1092.



This preview shows how white text looks on a background with the XYZ color 60.8997, 69.0254,

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

60.8997, 69.0254, 98.1092

Protanopia

67.0751, 68.4411, 92.8943

Deuteranopia

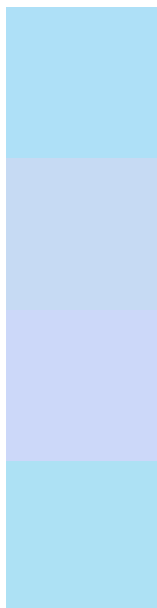
70.3684, 68.8628, 100.0255



Tritanopia

60.3365, 69.2057, 94.9720

Trichromacy



Original Color

60.8997, 69.0254, 98.1092

Protanomaly

64.5378, 68.6196, 94.6374

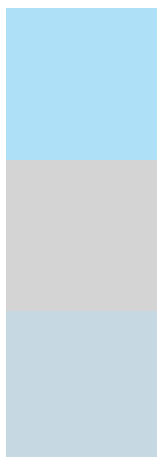
Deuteranomaly

66.5566, 68.7887, 99.3922

Tritanomaly

60.4879, 69.2663, 95.7696

Monochromacy



Original Color

60.8997, 69.0254, 98.1092

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.4352, 66.5537, 80.8423

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8997, 69.0254, 98.1092 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(174, 224, 247)` looks like.

```
.text, #text, p{  
    color:rgb(174, 224, 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(174, 224, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 224, 247) }
```

Border

The CSS property to change the border of an element to XYZ 60.8997, 69.0254, 98.1092 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(174, 224, 247) }
```


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

```
.border{ border-color:rgb(174, 224, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 224, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 224, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 224, 247);  
box-shadow:4px 4px 4px 4px rgb(174, 224,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8997, 69.0254, 98.1092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 224, 247) }
```

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

```
.background{ background-color: rgb(174,  
224, 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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