

Converting Colors

XYZ(61.0645, 69.9308, 97.4683)

Have a look what the booklet for
XYZ(61.0645, 69.9308, 97.4683)
contains.

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Color

**XYZ(61.0645, 69.9308,
97.4683)**

Conversions

Conversions Part 1

Format	Color
Hex	ADE2F6
RGB	173, 226, 246
RGB Percent	68%, 89%, 96%
CMY	0.3216, 0.1137, 0.0353
CMYK	0.30, 0.08, 0.00, 0.04
HSL	196°, 80%, 82%
HSV	196°, 30%, 96%
XYZ	61.0645, 69.9308, 97.4683
YIQ	212.4330, -38.0080, -5.0160

Conversions

Conversions Part 2

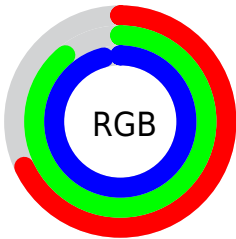
Format	Color
R _Y B	173, 204, 246
Decimal	11395830
CIE Lab	86.96, -12.37, -15.23
CIE LCh	87, 19.617, 230.924
Yxy	69.9308, 0.2673, 0.3061
Android (android.graphics.Color)	4289585910 (0xFFADE2F6)
YUV	212.4330, 16.5485, -34.5827
Hunter-Lab	83.6246, -15.9986, -10.5679

Details

The XYZ color **61.0645, 69.9308, 97.4683** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **64.6198, 60.7505, 47.8570**, and the grayscale version is **62.7805, 66.0500, 71.9284**.

A 20% lighter version of the original color is **86.4431, 95.5630, 108.4972**, and **31.3284, 36.6951, 54.1469** is the 20% darker color. If you saturate the color by 10%, you get **54.3214, 63.7891, 96.6394**, and if you desaturate by 10%, it is **68.8854, 76.7384, 98.3713**.

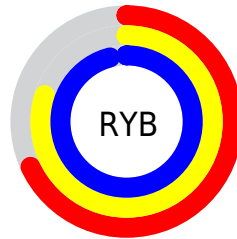
Distribution



Red (68%)

Green (89%)

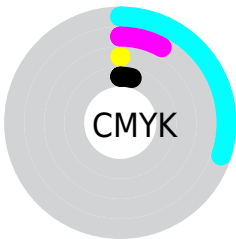
Blue (96%)



Red (68%)

Yellow (80%)

Blue (96%)

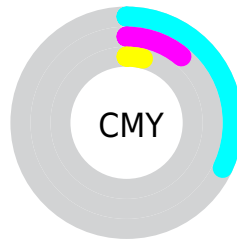


Cyan (30%)

Magenta (8%)

Yellow (0%)

Black (4%)



Cyan (32%)

Magenta (11%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.0645, 69.9308, 97.4683 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 61.0645, 69.9308, 97.4683 by changing the saturation by 10% instead.

61.0645, 69.9308,
97.4683

61.0645, 69.9308,
97.4683

418.2826,
460.3070, 573.2221

44.5300, 51.4701,
73.5828

105.4699,
119.1101, 159.6951

31.2871, 36.5829,
53.9580

134.0715,
150.5974, 198.8735

20.9704, 24.8847,
38.1751

167.4261,
187.1958, 243.9866

13.2147, 15.9912,
25.8157

205.8992,
229.2897, 295.4530

7.6546, 9.5179,
16.4613

249.8560,
277.2633, 353.6912

3.9247, 5.0805,
9.6933

299.6619,

1.6596, 2.2946,

331.5011, 419.1198

5.0931

355.6823,
392.3876, 492.1572

■ 0.4308, 0.7708,
2.2423

■ 0.0000, 0.0000,
0.6986

■ 61.0645, 69.9308,
97.4683

■ 61.0645, 69.9308,
97.4683

■ 54.3214, 63.7891,
96.6394

■ 68.8854, 76.7384,
98.3713

■ 48.5938, 58.2749,
95.8769

■ 77.8293, 84.2314,
99.3462

■ 43.8227, 53.3583,
95.1794

■ 87.9465, 92.4386,
100.3971

■ 39.9400, 49.0029,
94.5434

■ 92.9875, 98.1393,
101.2317

■ 36.8680, 45.1674,
93.9650

■ 93.6348, 99.4339,
101.4475

■ 34.5142, 41.8028,
93.4396

■ 32.7312, 38.8318,
92.9601

■ 32.6772, 38.7387,
92.9450

Harmonies

Analogous

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



58.5695, 69.9308, 85.5182



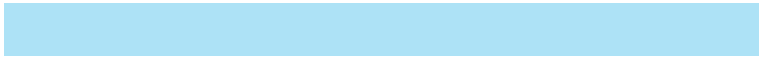
61.0645, 69.9308, 97.4683



65.0864, 69.9308, 103.8887

Triad

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



61.0645, 69.9308, 97.4683



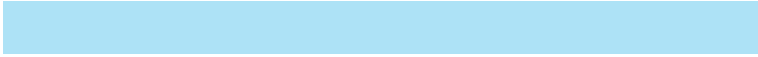
75.5563, 69.9308, 80.1946



63.3688, 69.9308, 54.9144

Complementary

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



61.0645, 69.9308, 97.4683



64.6198, 60.7505, 47.8570

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.



67.8672, 69.9308, 53.8370



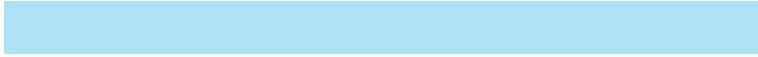
61.0645, 69.9308, 97.4683



75.0446, 69.9308, 67.4789

Square

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



61.0645, 69.9308, 97.4683



73.5471, 69.9308, 93.1889



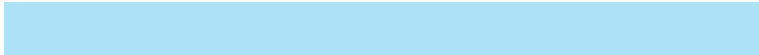
72.1794, 69.9308, 58.1795



59.8568, 69.9308, 61.3135

Rectangle

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



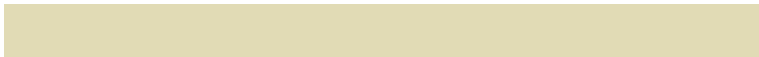
61.0645, 69.9308, 97.4683



68.1515, 69.9308, 103.7149



72.1794, 69.9308, 58.1795



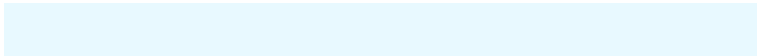
64.8108, 69.9308, 53.9493

Sweetspot

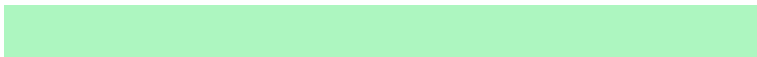
The Sweet Spot groups the original color and five complimentary colors.



61.0666, 69.9336, 97.4699



85.1320, 91.9583, 107.8705



59.7571, 78.6236, 62.1687



17.8996, 19.4174, 23.0545



0.0000, 0.0000, 0.0000



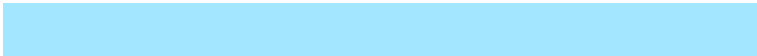
20.3446, 21.4041, 23.3091

Same Dimension

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



61.0666, 69.9336, 97.4699



61.4510, 71.5391, 105.1774



52.2904, 52.3811, 94.5445



16.5904, 17.9452, 21.1319



17.5646, 20.9231, 49.6508



1.6292, 2.0098, 4.3923

Inverse Universe

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



66.6788, 54.9727, 79.0511



68.6349, 53.2303, 81.4112



73.5603, 78.6316, 50.8372



17.0086, 16.6863, 19.7919



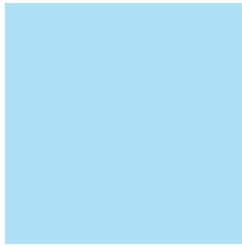
24.6703, 12.2116, 24.0361



2.2114, 1.0905, 2.3396

Previews

White Background



This preview shows how the XYZ color 61.0645, 69.9308, 97.4683 looks on a white background.

Color Contrast Check

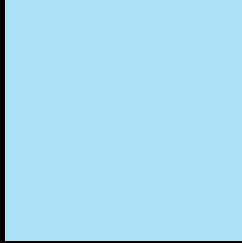
Large Text (above 18pt) WCAG AA × Fail

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 61.0645, 69.9308, 97.4683 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 61.0645, 69.9308, 97.4683

Background



This preview shows how black text looks on a background with the XYZ color 61.0645, 69.9308, 97.4683.

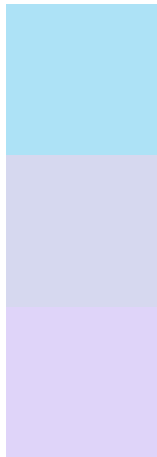


This preview shows how white text looks on a background with the XYZ color 61.0645, 69.9308,

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

61.0645, 69.9308, 97.4683

Protanopia

67.8674, 69.6399, 91.5262

Deuteranopia

71.0738, 69.6145, 99.3135



Tritanopia

60.7591, 69.8086, 95.8600

Trichromacy



Original Color

61.0645, 69.9308, 97.4683

Protanomaly

65.1734, 69.7393, 94.0304

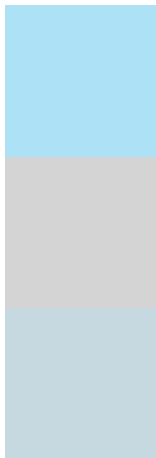
Deuteranomaly

66.9330, 69.3822, 98.6713

Tritanomaly

60.9114, 69.8695, 96.6620

Monochromacy



Original Color

61.0645, 69.9308, 97.4683

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.5561, 67.0133, 80.2115

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0645, 69.9308, 97.4683 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(173, 226, 246)` looks like.

```
.text, #text, p{  
    color:rgb(173, 226, 246)  
}
```

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(173, 226, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 226, 246) }
```

Border

The CSS property to change the border of an element to XYZ 61.0645, 69.9308, 97.4683 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(173, 226, 246) }
```


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

```
.border{ border-color:rgb(173, 226, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 226, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 226, 246); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 226, 246); box-shadow:4px 4px 4px 4px rgb(173, 226, 246) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0645, 69.9308, 97.4683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 226, 246) }
```

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

```
.background{ background-color: rgb(173,  
226, 246) }
```

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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