

Converting Colors

XYZ(60.0316, 71.0535, 94.3156)

Have a look what the booklet for
XYZ(60.0316, 71.0535, 94.3156)
contains.

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Color

**XYZ(60.0497, 71.1114,
94.5653)**

Conversions

Conversions Part 1

Format	Color
Hex	A6E6F2
RGB	166, 230, 242
RGB Percent	65%, 90%, 95%
CMY	0.3490, 0.0980, 0.0510
CMYK	0.31, 0.05, 0.00, 0.05
HSL	189°, 75%, 80%
HSV	189°, 31%, 95%
XYZ	60.0497, 71.1114, 94.5653
YIQ	212.2320, -41.9960, -9.8360

Conversions

Conversions Part 2

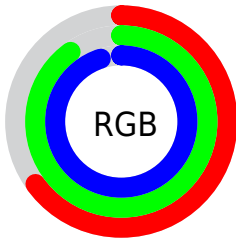
Format	Color
R _{YB}	166, 201, 242
Decimal	10938098
CIE _{Lab}	87.54, -17.25, -12.30
CIE _{LCh}	88, 21.190, 215.492
Y _{xy}	71.1114, 0.2660, 0.3150
Android (android.graphics.Color)	4289128178 (0xFFA6E6F2)
YUV	212.2320, 14.6756, -40.5455
Hunter-Lab	84.3276, -20.4633, -7.4588

Details

The XYZ color **60.0497, 71.1114, 94.5653** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59.4223, 53.4719, 43.2673**, and the grayscale version is **62.6607, 65.9240, 71.7912**.

A 20% lighter version of the original color is **84.2414, 94.4280, 108.3942**, and **30.5545, 37.1968, 52.0237** is the 20% darker color. If you saturate the color by 10%, you get **54.3952, 66.6371, 94.0009**, and if you desaturate by 10%, it is **66.6862, 76.1300, 95.1854**.

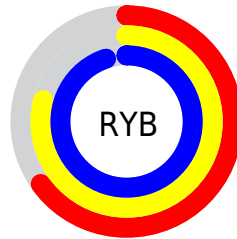
Distribution



Red (65%)

Green (90%)

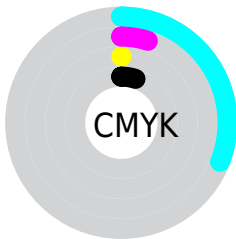
Blue (95%)



Red (65%)

Yellow (79%)

Blue (95%)

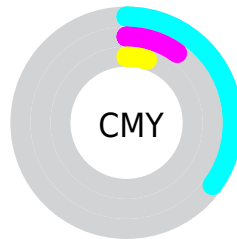


Cyan (31%)

Magenta (5%)

Yellow (0%)

Black (5%)



Cyan (35%)

Magenta (10%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.0497, 71.1114, 94.5653 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 60.0497, 71.1114, 94.5653 by changing the saturation by 10% instead.

60.0497, 71.1114,
94.5653

60.0497, 71.1114,
94.5653

414.6127,
464.4428, 563.7211

43.7083, 52.4331,
71.1783

104.0077,
120.7923, 155.6543

30.6382, 37.3504,
52.0050

132.3550,
152.5638, 194.1935

20.4740, 25.4789,
36.6268

165.4350,
189.4684, 238.6204

12.8503, 16.4342,
24.6252

203.6131,
231.8905, 289.3537

7.4018, 9.8319,
15.5815

247.2545,
280.2147, 346.8119

3.7632, 5.2877,
9.0774

296.7247,

1.5691, 2.4170,

334.8252, 411.4135

4.6942

352.3890,
396.1064, 483.5771

■ 0.3721, 0.8346,
2.0134

■ 0.0000, 0.0000,
0.5635

■ 60.0497, 71.1114,
94.5653

■ 60.0497, 71.1114,
94.5653

■ 54.3952, 66.6371,
94.0009

■ 66.6862, 76.1300,
95.1854

■ 49.6626, 62.6706,
93.4847

■ 74.3480, 81.7103,
95.8587

■ 45.7949, 59.1842,
93.0156

■ 83.0834, 87.8791,
96.5890

■ 42.7258, 56.1434,
92.5905

■ 90.0061, 93.1486,
97.2412

■ 40.3796, 53.5090,
92.2056

■ 91.1756, 95.4877,
97.6311

■ 38.6651, 51.2337,
91.8568

■ 92.3692, 97.8748,
98.0289

■ 37.5722, 49.5008,
91.5799

■ 93.0272, 99.1909,
98.2483

Harmonies

Analogous

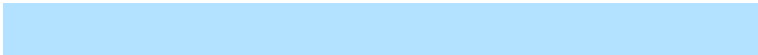
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



58.4517, 71.1114, 80.0974



60.0497, 71.1114, 94.5653



63.6737, 71.1114, 105.3239

Triad

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



60.0497, 71.1114, 94.5653



76.7333, 71.1114, 89.4381



66.6720, 71.1114, 53.0975

Complementary

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



60.0497, 71.1114, 94.5653



59.4223, 53.4719, 43.2673

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.



71.6621, 71.1114, 54.9520



60.0497, 71.1114, 94.5653



77.6327, 71.1114, 74.8191

Square

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



60.0497, 71.1114, 94.5653



73.3345, 71.1114, 102.1172



75.7349, 71.1114, 62.4977



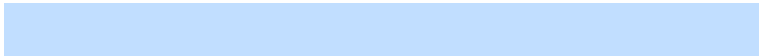
62.1522, 71.1114, 57.0786

Rectangle

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



60.0497, 71.1114, 94.5653



66.8354, 71.1114, 108.2965



75.7349, 71.1114, 62.4977



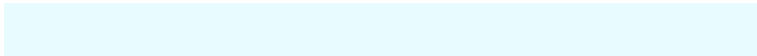
68.3487, 71.1114, 53.0653

Sweetspot

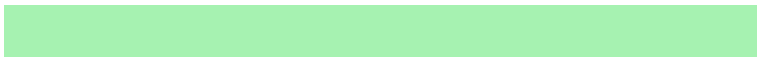
The Sweet Spot groups the original color and five complimentary colors.



60.0518, 71.1142, 94.5669



85.9600, 93.6143, 108.1465



55.4553, 74.8029, 53.3216



18.1046, 19.8274, 23.1228



0.0000, 0.0000, 0.0000



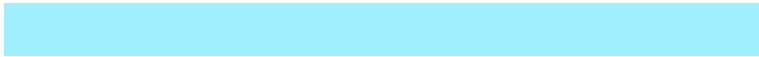
20.3446, 21.4041, 23.3091

Same Dimension

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



60.0518, 71.1142, 94.5669



63.2430, 76.6447, 106.0684



50.7361, 52.4828, 91.4617



16.0225, 17.4791, 20.2509



20.2674, 26.7591, 49.2247



1.7426, 2.3391, 4.1139

Inverse Universe

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



64.5388, 51.8646, 81.4753



69.1680, 52.0215, 88.6026



67.9047, 70.4368, 46.0947



16.3408, 15.9860, 19.3508



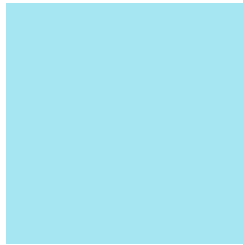
25.5557, 12.4947, 31.9065



2.1545, 1.0508, 2.8045

Previews

White Background



This preview shows how the XYZ color 60.0497, 71.1114, 94.5653 looks on a white background.

Color Contrast Check

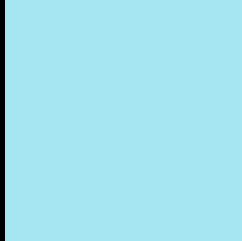
Large Text (above 18pt) WCAG AA × Fail

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 60.0497, 71.1114, 94.5653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

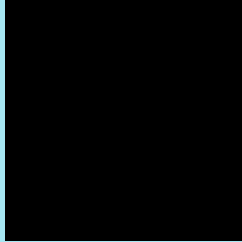
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.0497, 71.1114, 94.5653

Background



This preview shows how black text looks on a background with the XYZ color 60.0497, 71.1114, 94.5653.

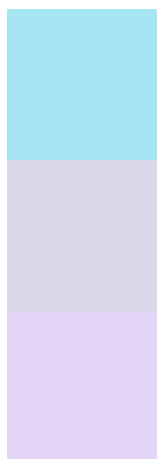


This preview shows how white text looks on a background with the XYZ color 60.0497, 71.1114,

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

60.0497, 71.1114, 94.5653

Protanopia

68.5776, 70.4716, 87.8299

Deuteranopia

72.1074, 70.5732, 97.0103



Tritanopia

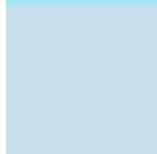
60.8989, 71.0314, 99.3077

Trichromacy



Original Color

60.0497, 71.1114, 94.5653



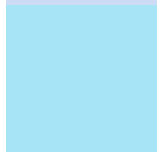
Protanomaly

64.9605, 70.4991, 90.3047



Deuteranomaly

66.9898, 70.2347, 96.4121



Tritanomaly

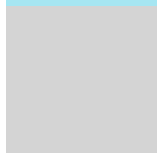
60.5902, 70.9079, 97.6819

Monochromacy



Original Color

60.0497, 71.1114, 94.5653



Achromatopsia

62.5785, 65.8375, 71.6970



Achromatomaly

61.1565, 67.5929, 79.6355

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0497, 71.1114, 94.5653 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(166, 230, 242)` looks like.

```
.text, #text, p{  
    color:rgb(166, 230, 242)  
}
```

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(166, 230, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 230, 242) }
```

Border

The CSS property to change the border of an element to XYZ 60.0497, 71.1114, 94.5653 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(166, 230, 242) }
```


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

```
.border{ border-color:rgb(166, 230, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 230, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 230, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 230, 242);  
box-shadow:4px 4px 4px 4px rgb(166, 230,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0497, 71.1114, 94.5653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 230, 242) }
```

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

```
.background{ background-color: rgb(166,  
230, 242) }
```

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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