

Converting Colors

XYZ(60.3193, 71.5576, 93.6411)

Have a look what the booklet for
XYZ(60.3193, 71.5576, 93.6411)
contains.

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Color

**XYZ(60.3894, 71.7182,
93.8792)**

Conversions

Conversions Part 1

Format	Color
Hex	A7E7F1
RGB	167, 231, 241
RGB Percent	65%, 91%, 95%
CMY	0.3451, 0.0941, 0.0549
CMYK	0.31, 0.04, 0.00, 0.05
HSL	188°, 73%, 80%
HSV	188°, 31%, 95%
XYZ	60.3894, 71.7182, 93.8792
YIQ	213.0040, -41.3540, -10.4580

Conversions

Conversions Part 2

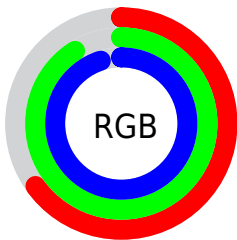
Format	Color
R _Y B	167, 201, 241
Decimal	11003889
CIE Lab	87.83, -17.71, -11.33
CIE LCh	88, 21.027, 212.616
Yxy	71.7182, 0.2672, 0.3174
Android (android.graphics.Color)	4289193969 (0xFFA7E7F1)
YUV	213.0040, 13.8020, -40.3455
Hunter-Lab	84.6866, -20.9145, -6.4452

Details

The XYZ color **60.3894, 71.7182, 93.8792** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **58.9737, 52.9355, 43.6700**, and the grayscale version is **63.1807, 66.4710, 72.3869**.

A 20% lighter version of the original color is **84.5505, 94.5873, 108.4086**, and **30.7690, 37.6075, 51.5362** is the 20% darker color. If you saturate the color by 10%, you get **54.8625, 67.5304, 93.3634**, and if you desaturate by 10%, it is **66.8862, 76.4347, 94.4484**.

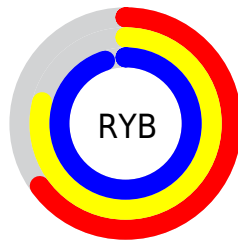
Distribution



Red (65%)

Green (91%)

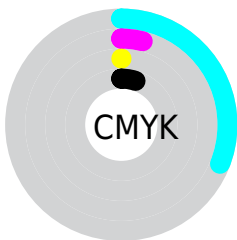
Blue (95%)



Red (65%)

Yellow (79%)

Blue (95%)

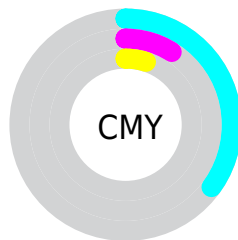


Cyan (31%)

Magenta (4%)

Yellow (0%)

Black (5%)



Cyan (35%)

Magenta (9%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.3894, 71.7182, 93.8792 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 60.3894, 71.7182, 93.8792 by changing the saturation by 10% instead.

60.3894, 71.7182,
93.8792

60.3894, 71.7182,
93.8792

415.8434,
466.5602, 561.4630

43.9832, 52.9285,
70.6108

104.4975,
121.6558, 154.6975

30.8552, 37.7457,
51.5447

132.9301,
153.5725, 193.0844

20.6399, 25.7854,
36.2626

166.1022,
190.6337, 237.3479

12.9720, 16.6632,
24.3458

204.3793,
233.2237, 287.9066

7.4861, 9.9946,
15.3757

248.1265,
281.7269, 345.1788

3.8169, 5.3954,
8.9340

297.7094,

1.5991, 2.4811,

336.5278, 409.5833

4.6019

353.4932,
398.0108, 481.5385

■ 0.3918, 0.8671,
1.9610

■ 0.0000, 0.0000,
0.5312

■ 60.3894, 71.7182,
93.8792

■ 60.3894, 71.7182,
93.8792

■ 54.8625, 67.5304,
93.3634

■ 66.8862, 76.4347,
94.4484

■ 50.2463, 63.8354,
92.8935

■ 74.3954, 81.6966,
95.0682

■ 46.4849, 60.6059,
92.4684

■ 82.9645, 87.5303,
95.7426

■ 43.5133, 57.8084,
92.0850

■ 89.4765, 92.3292,
96.3257

■ 41.2573, 55.4044,
91.7399

■ 90.4651, 94.3063,
96.6552

■ 39.6282, 53.3480,
91.4288

■ 91.4710, 96.3182,
96.9905

■ 38.5413, 51.6787,
91.1639

■ 92.4944, 98.3650,
97.3316

■ 92.8774, 99.1310,
97.4593

Harmonies

Analogous

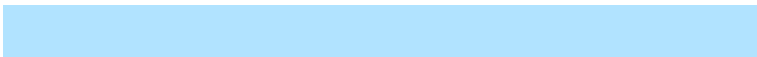
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



59.0116, 71.7182, 79.3518



60.3894, 71.7182, 93.8792



63.8417, 71.7182, 105.1585

Triad

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



60.3894, 71.7182, 93.8792



77.0581, 71.7182, 91.4408



67.7283, 71.7182, 53.7006

Complementary

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



60.3894, 71.7182, 93.8792



58.9737, 52.9355, 43.6700

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.



72.6812, 71.7182, 56.1158



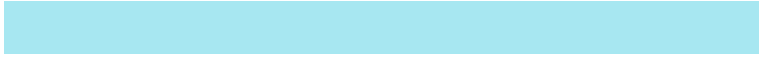
60.3894, 71.7182, 93.8792



78.2213, 71.7182, 76.8396

Square

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



60.3894, 71.7182, 93.8792



73.4770, 71.7182, 103.6341



76.5831, 71.7182, 64.1766



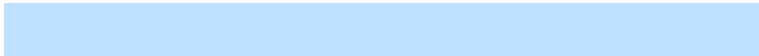
63.1173, 71.7182, 57.1296

Rectangle

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



60.3894, 71.7182, 93.8792



66.9387, 71.7182, 108.6787



76.5831, 71.7182, 64.1766



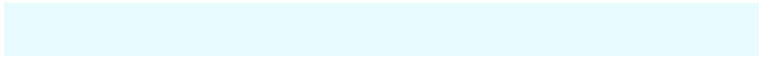
69.4082, 71.7182, 53.8562

Sweetspot

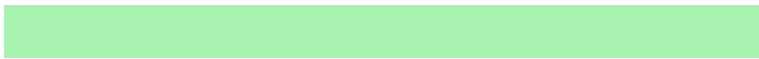
The Sweet Spot groups the original color and five complimentary colors.



60.3915, 71.7211, 93.8808



86.1238, 93.9419, 108.2011



55.3155, 74.2964, 52.9520



18.1452, 19.9086, 23.1363



0.0000, 0.0000, 0.0000



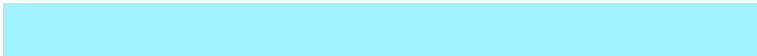
20.3446, 21.4041, 23.3091

Same Dimension

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



60.3915, 71.7211, 93.8808



64.5051, 78.4160, 106.3438



51.1364, 53.2108, 90.7958



16.0547, 17.5434, 20.2617



20.9729, 28.1700, 49.4598



1.7946, 2.4433, 4.1312

Inverse Universe

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



64.5198, 52.1094, 82.2621



69.9889, 53.0536, 90.7556



67.2648, 69.5179, 46.4337



16.3570, 15.9925, 19.4363



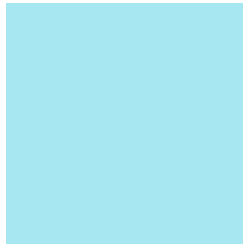
25.9118, 12.6371, 33.7816



2.1808, 1.0614, 2.9429

Previews

White Background



This preview shows how the XYZ color 60.3894, 71.7182, 93.8792 looks on a white background.

Color Contrast Check

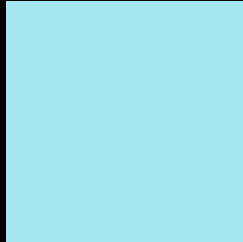
Large Text (above 18pt) WCAG AA × Fail

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 60.3894, 71.7182, 93.8792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

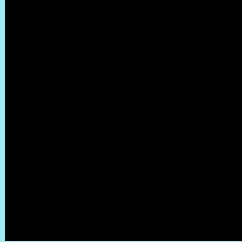
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.3894, 71.7182, 93.8792

Background



This preview shows how black text looks on a background with the XYZ color 60.3894, 71.7182, 93.8792.

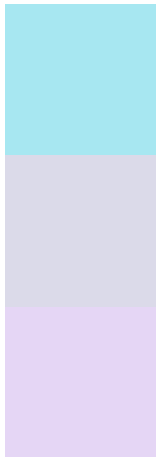


This preview shows how white text looks on a background with the XYZ color 60.3894, 71.7182,

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

60.3894, 71.7182, 93.8792

Protanopia

68.9928, 71.0861, 87.1755

Deuteranopia

72.8411, 71.3437, 96.3178



Tritanopia

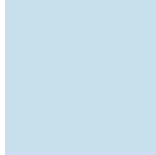
61.6023, 71.8060, 99.4201

Trichromacy



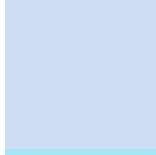
Original Color

60.3894, 71.7182, 93.8792



Protanomaly

65.3474, 71.1108, 89.6385



Deuteranomaly

67.3759, 70.8399, 95.7103



Tritanomaly

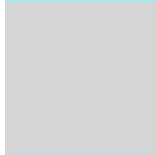
60.9267, 71.5110, 96.9780

Monochromacy



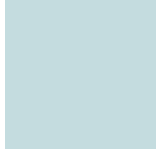
Original Color

60.3894, 71.7182, 93.8792



Achromatopsia

63.2451, 66.5387, 72.4607



Achromatomaly

61.6774, 68.2499, 79.7348

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3894, 71.7182, 93.8792 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(167, 231, 241)` looks like.

```
.text, #text, p{  
    color:rgb(167, 231, 241)  
}
```

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(167, 231, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 231, 241) }
```

Border

The CSS property to change the border of an element to XYZ 60.3894, 71.7182, 93.8792 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(167, 231, 241) }
```


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

```
.border{ border-color:rgb(167, 231, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 231, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 231, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 231, 241);  
box-shadow:4px 4px 4px 4px rgb(167, 231,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3894, 71.7182, 93.8792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 231, 241) }
```

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

```
.background{ background-color: rgb(167,  
231, 241) }
```

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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