

Converting Colors

XYZ(57.3502, 71.8234, 80.4483)

Have a look what the booklet for
XYZ(57.3502, 71.8234, 80.4483)
contains.

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Color

**XYZ(57.2393, 71.6469,
80.6244)**

Conversions

Conversions Part 1

Format	Color
Hex	A0EADF
RGB	160, 234, 223
RGB Percent	63%, 92%, 87%
CMY	0.3725, 0.0823, 0.1255
CMYK	0.32, 0.00, 0.05, 0.08
HSL	171°, 64%, 77%
HSV	171°, 32%, 92%
XYZ	57.2393, 71.6469, 80.6244
YIQ	210.6200, -40.5730, -19.1090

Conversions

Conversions Part 2

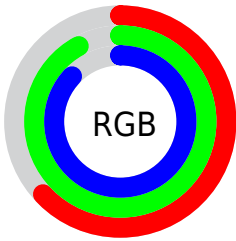
Format	Color
RYB	160, 200, 234
Decimal	10545887
CIELab	87.80, -25.17, -1.98
CIELCh	88, 25.248, 184.489
Yxy	71.6469, 0.2732, 0.3420
Android (android.graphics.Color)	4288735967 (0xFFA0EADF)
YUV	210.6200, 6.1033, -44.3937
Hunter-Lab	84.6445, -27.4205, 2.7771

Details

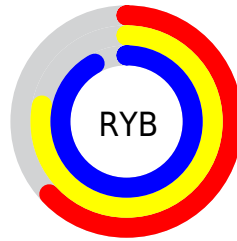
The XYZ color **57.2393, 71.6469, 80.6244** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **53.8557, 45.5763, 44.4895**, and the grayscale version is **61.6481, 64.8586, 70.6310**.

A 20% lighter version of the original color is **82.4253, 93.4917, 108.3092**, and **28.8140, 37.6712, 42.7984** is the 20% darker color. If you saturate the color by 10%, you get **52.5306, 69.2750, 77.9817**, and if you desaturate by 10%, it is **62.8422, 74.4823, 83.3623**.

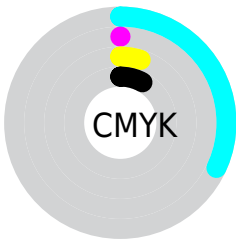
Distribution



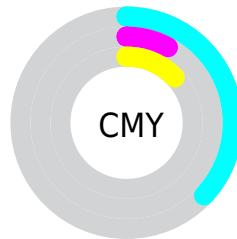
- Red (63%)
- Green (92%)
- Blue (87%)



- Red (63%)
- Yellow (78%)
- Blue (92%)



- Cyan (32%)
- Magenta (0%)
- Yellow (5%)
- Black (8%)





- Cyan (37%)
- Magenta (8%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.2393, 71.6469, 80.6244 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 57.2393, 71.6469, 80.6244 by changing the saturation by 10% instead.


 57.2393, 71.6469,
80.6244


 57.2393, 71.6469,
80.6244


404.3451,
466.3117, 516.7968

 41.4383, 52.8703,
59.7031


 99.9436, 121.5544,
136.0626

 28.8509, 37.6992,
42.7557


 127.5776,
153.4540, 171.4165

 19.1118, 25.7493,
29.3635


159.8867,
190.4968, 212.4185

 11.8556, 16.6362,
19.1080

197.2361,
233.0672, 259.4869

 6.7169, 9.9755,
11.5707

239.9914,
281.5494, 313.0405

 3.3304, 5.3827,
6.3331

288.5177,

 1.3308, 2.4735,

336.3280, 373.4976

2.9766

343.1805,
397.7873, 441.2768

■ 0.2061, 0.8633,
1.0827

■ 0.0000, 0.0000,
0.0000

■ 57.2393, 71.6469,
80.6244

■ 57.2393, 71.6469,
80.6244

■ 52.5306, 69.2750,
77.9817

■ 62.8422, 74.4823,
83.3623

■ 48.6604, 67.3323,
75.4268

■ 69.3787, 77.7962,
86.1930

■ 45.5762, 65.7938,
72.9583

■ 76.8936, 81.6133,
89.1205

■ 43.2171, 64.6280,
70.5733

■ 85.4268, 85.9541,
92.1467

■ 41.5130, 63.7988,
68.2680

■ 86.4514, 86.4230,
94.8731

■ 40.3801, 63.2629,
66.0382

■ 86.9745, 86.6323,
97.6277

■ 39.7575, 62.9815,
64.2232

■ 87.5076, 86.8455,
100.4349

■ 88.0507, 87.0628,
103.2949

■ 88.6039, 87.2840,
106.2080

Harmonies

Analogous

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



58.2144, 71.6469, 64.6379



57.2393, 71.6469, 80.6244



59.0310, 71.6469, 98.2410

Triad

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



57.2393, 71.6469, 80.6244



74.8373, 71.6469, 108.5126



73.1851, 71.6469, 51.8458

Complementary

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



57.2393, 71.6469, 80.6244



53.8557, 45.5763, 44.4895

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.



78.0494, 71.6469, 60.7688



57.2393, 71.6469, 80.6244



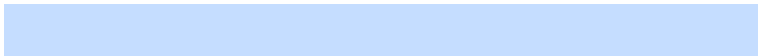
79.0419, 71.6469, 93.1127

Square

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



57.2393, 71.6469, 80.6244



69.0046, 71.6469, 115.7742



80.2504, 71.6469, 75.4553



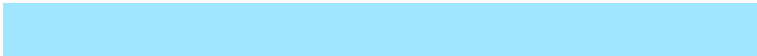
67.1998, 71.6469, 49.5076

Rectangle

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



57.2393, 71.6469, 80.6244



61.6188, 71.6469, 108.0926



80.2504, 71.6469, 75.4553



75.0167, 71.6469, 54.1031

Sweetspot

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



57.2414, 71.6498, 80.6260



86.5604, 95.6863, 105.6604



52.5866, 70.0558, 44.0096



18.2537, 20.3418, 22.5055



0.0000, 0.0000, 0.0000



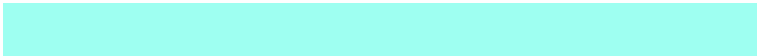
20.3446, 21.4041, 23.3091

Same Dimension

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



57.2414, 71.6498, 80.6260



65.6966, 85.1258, 95.8688



51.9309, 58.5771, 86.4146



15.4158, 17.0811, 18.8724



22.3777, 35.4055, 36.2836



1.7834, 2.7907, 2.9871

Inverse Universe

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



53.8557, 45.5763, 44.4895



60.9792, 48.7459, 45.4806



57.8171, 55.1085, 40.8488



15.1567, 15.0905, 16.1106



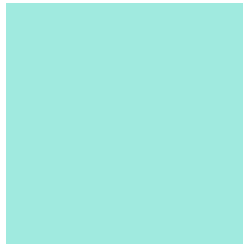
19.2647, 9.9086, 1.9292



1.5409, 0.7893, 0.2998

Previews

White Background



This preview shows how the XYZ color 57.2393, 71.6469, 80.6244 looks on a white background.

Color Contrast Check

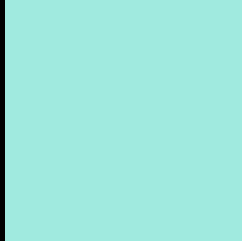
Large Text (above 18pt) WCAG AA × Fail

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 57.2393, 71.6469, 80.6244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

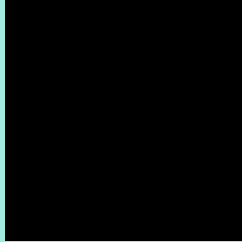
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

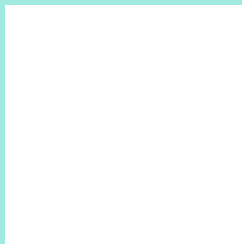
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.2393, 71.6469, 80.6244

Background



This preview shows how black text looks on a background with the XYZ color 57.2393, 71.6469, 80.6244.

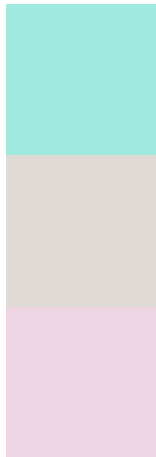


This preview shows how white text looks on a background with the XYZ color 57.2393, 71.6469,

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

57.2393, 71.6469, 80.6244

Protanopia

67.9495, 70.8451, 73.7115

Deuteranopia

72.5844, 71.1391, 82.5786



Tritanopia

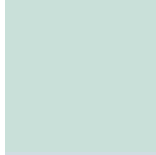
61.1216, 71.5402, 100.2097

Trichromacy



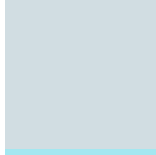
Original Color

57.2393, 71.6469, 80.6244



Protanomaly

63.2674, 70.7386, 75.9650



Deuteranomaly

65.8784, 70.7592, 82.1372



Tritanomaly

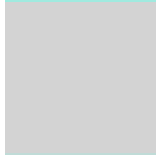
59.6139, 71.3356, 93.0652

Monochromacy



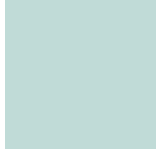
Original Color

57.2393, 71.6469, 80.6244



Achromatopsia

61.9161, 65.1406, 70.9381



Achromatomaly

59.3355, 66.7758, 74.0517

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.2393, 71.6469, 80.6244 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(160, 234, 223)` looks like.

```
.text, #text, p{  
    color:rgb(160, 234, 223)  
}
```

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(160, 234, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 234, 223) }
```

Border

The CSS property to change the border of an element to XYZ 57.2393, 71.6469, 80.6244 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(160, 234, 223) }
```


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

```
.border{ border-color:rgb(160, 234, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 234, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 234, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 234, 223);  
box-shadow:4px 4px 4px 4px rgb(160, 234,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 57.2393, 71.6469, 80.6244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 234, 223) }
```

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

```
.background{ background-color: rgb(160,  
234, 223) }
```

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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