

Converting Colors

XYZ(60.0798, 74.3401, 83.8288)

Have a look what the booklet for
XYZ(60.0798, 74.3401, 83.8288)
contains.

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Color

**XYZ(60.0857, 74.3299,
83.8533)**

Conversions

Conversions Part 1

Format	Color
Hex	A7EDE3
RGB	167, 237, 227
RGB Percent	65%, 93%, 89%
CMY	0.3451, 0.0706, 0.1098
CMYK	0.30, 0.00, 0.04, 0.07
HSL	171°, 66%, 79%
HSV	171°, 30%, 93%
XYZ	60.0857, 74.3299, 83.8533
YIQ	214.9300, -38.5100, -17.9500

Conversions

Conversions Part 2

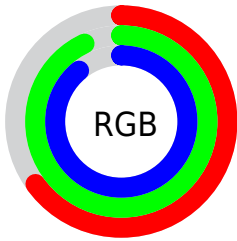
Format	Color
RYB	167, 205, 237
Decimal	11005411
CIELab	89.08, -23.80, -2.15
CIELCh	89, 23.898, 185.170
Yxy	74.3299, 0.2753, 0.3405
Android (android.graphics.Color)	4289195491 (0xFFA7EDE3)
YUV	214.9300, 5.9505, -42.0346
Hunter-Lab	86.2148, -26.4738, 2.6844

Details

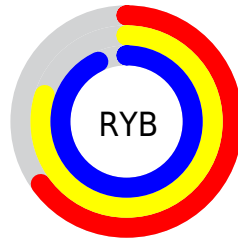
The XYZ color **60.0857, 74.3299, 83.8533** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **56.6822, 48.8184, 48.0334**, and the grayscale version is **64.5254, 67.8857, 73.9275**.

A 20% lighter version of the original color is **84.5505, 94.5873, 108.4086**, and **30.6524, 39.4710, 45.0328** is the 20% darker color. If you saturate the color by 10%, you get **55.0680, 71.7986, 81.2037**, and if you desaturate by 10%, it is **66.0344, 77.3439, 86.5976**.

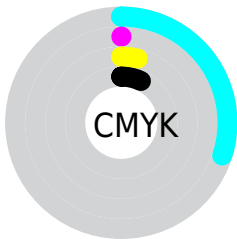
Distribution



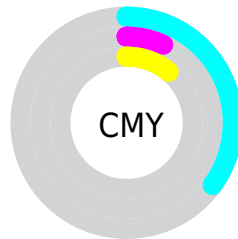
- Red (65%)
- Green (93%)
- Blue (89%)



- Red (65%)
- Yellow (80%)
- Blue (93%)



- Cyan (30%)
- Magenta (0%)
- Yellow (4%)
- Black (7%)





- Cyan (35%)
- Magenta (7%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.0857, 74.3299, 83.8533 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 60.0857, 74.3299, 83.8533 by changing the saturation by 10% instead.


 60.0857, 74.3299,
83.8533


 60.0857, 74.3299,
83.8533


414.7433,
475.6112, 527.8713

 43.7374, 55.0641,
62.3496


 104.0596,
125.3634, 140.6298

 30.6612, 39.4530,
44.8777


 132.4160,
157.8998, 176.7398

 20.4915, 27.1123,
31.0188


165.5058,
195.6286, 218.5556

 12.8632, 17.6576,
20.3546

203.6943,
238.9340, 266.4958

 7.4107, 10.7045,
12.4664

247.3470,
288.2007, 320.9789

 3.7689, 5.8685,
6.9358

296.8291,

 1.5722, 2.7653,

343.8128, 382.4235

3.3441

352.5061,
406.1548, 451.2481

0.3742, 1.0104,
1.2729

0.0000, 0.0000,
0.0394

60.0857, 74.3299,
83.8533

60.0857, 74.3299,
83.8533

55.0680, 71.7986,
81.2037

66.0344, 77.3439,
86.5976

50.9247, 69.7150,
78.6412

72.9541, 80.8555,
89.4341

47.6028, 68.0539,
76.1646

80.8901, 84.8900,
92.3667

45.0411, 66.7836,
73.7707

87.3352, 88.1548,
95.2783

■ 43.1695, 65.8681,
71.4561

■ 87.8447, 88.3586,
97.9611

■ 41.9051, 65.2645,
69.2165

■ 88.3636, 88.5662,
100.6938

■ 41.1140, 64.9039,
67.0453

■ 88.8921, 88.7776,
103.4764

■ 41.0814, 64.8893,
66.9459

■ 89.4300, 88.9928,
106.3094

■ 89.5755, 89.0509,
107.0752

Harmonies

Analogous

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



60.9772, 74.3299, 68.2147



60.0857, 74.3299, 83.8533



61.8954, 74.3299, 100.8181

Triad

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



60.0857, 74.3299, 83.8533



77.2877, 74.3299, 110.0381



75.4492, 74.3299, 55.2065

Complementary

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



60.0857, 74.3299, 83.8533



56.6822, 48.8184, 48.0334

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.



80.1899, 74.3299, 63.8506



60.0857, 74.3299, 83.8533



81.2915, 74.3299, 95.1405

Square

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



60.0857, 74.3299, 83.8533



71.6609, 74.3299, 117.2041



82.3815, 74.3299, 78.0806



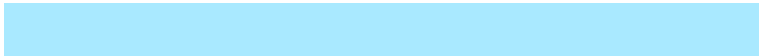
69.6453, 74.3299, 53.0422

Rectangle

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



60.0857, 74.3299, 83.8533



64.4517, 74.3299, 110.1722



82.3815, 74.3299, 78.0806



77.2299, 74.3299, 57.3865

Sweetspot

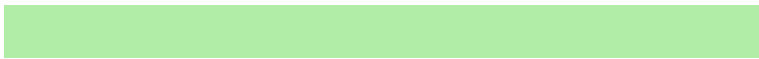
The Sweet Spot groups the original color and five complimentary colors.



60.0878, 74.3329, 83.8550



86.5814, 95.6947, 105.7711



55.5071, 72.7674, 47.6807



18.2589, 20.3439, 22.5330



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.



60.0878, 74.3329, 83.8550



67.4976, 86.0256, 97.2460



54.8934, 61.6698, 89.1344



15.4197, 17.0827, 18.8931



22.4655, 35.4407, 36.7460



1.7895, 2.7931, 3.0191

Inverse Universe

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



56.6822, 48.8184, 48.0334



62.9173, 51.6762, 49.0433



60.6427, 58.2771, 44.6131



15.1531, 15.0891, 16.0917



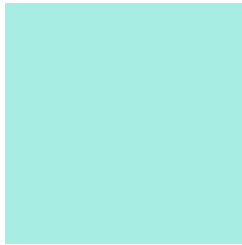
19.2528, 9.9038, 1.8666



1.5392, 0.7886, 0.2908

Previews

White Background



This preview shows how the XYZ color 60.0857, 74.3299, 83.8533 looks on a white background.

Color Contrast Check

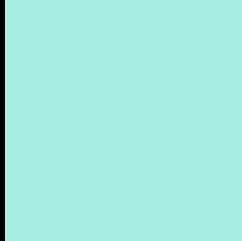
Large Text (above 18pt) WCAG AA × Fail

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 60.0857, 74.3299, 83.8533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

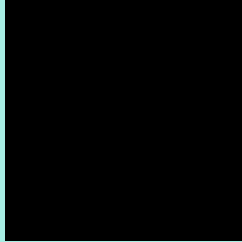
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

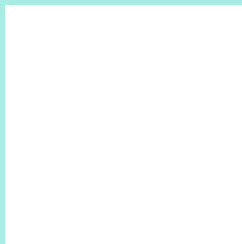
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.0857, 74.3299, 83.8533

Background



This preview shows how black text looks on a background with the XYZ color 60.0857, 74.3299, 83.8533.

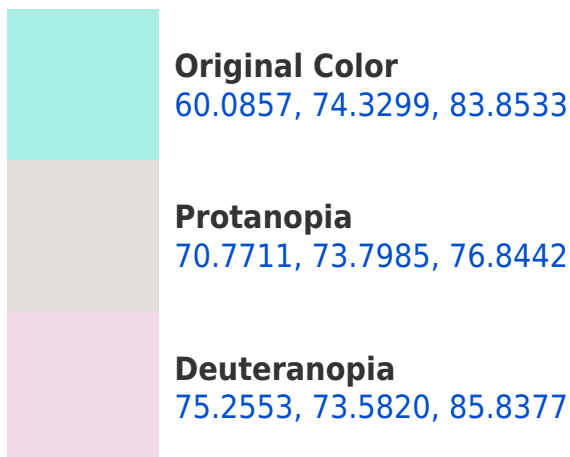


This preview shows how white text looks on a background with the XYZ color 60.0857, 74.3299,

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





Tritanopia

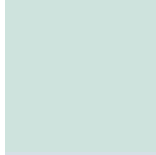
63.9432, 74.1903, 103.0455

Trichromacy



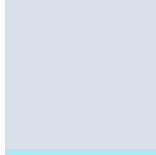
Original Color

60.0857, 74.3299, 83.8533



Protanomaly

65.9738, 73.2804, 79.0740



Deuteranomaly

68.6701, 73.3206, 85.3959



Tritanomaly

62.3951, 73.9746, 95.7840

Monochromacy



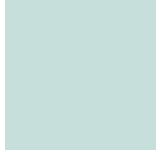
Original Color

60.0857, 74.3299, 83.8533



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

62.4626, 69.8956, 77.2169

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0857, 74.3299, 83.8533 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, 237, 227)` looks like.

```
.text, #text, p{  
    color:rgb(167, 237, 227)  
}
```

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, 237, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 237, 227) }
```

Border

The CSS property to change the border of an element to XYZ 60.0857, 74.3299, 83.8533 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, 237, 227) }
```


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

```
.border{ border-color:rgb(167, 237, 227) }
```

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

Here you see how a box with a 4 pixel rgb(167, 237, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 237, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 237, 227);  
box-shadow:4px 4px 4px 4px rgb(167, 237,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0857, 74.3299, 83.8533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 237, 227) }
```

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

```
.background{ background-color: rgb(167,  
237, 227) }
```

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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