

Converting Colors

XYZ(43.8974, 60.0455, 68.3463)

Have a look what the booklet for
XYZ(43.8974, 60.0455, 68.3463)
contains.

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Color

**XYZ(43.9393, 60.1271,
68.3213)**

Conversions

Conversions Part 1

Format	Color
Hex	6FDECF
RGB	111, 222, 207
RGB Percent	44%, 87%, 81%
CMY	0.5647, 0.1294, 0.1882
CMYK	0.50, 0.00, 0.07, 0.13
HSL	172°, 63%, 65%
HSV	172°, 50%, 87%
XYZ	43.9393, 60.1271, 68.3213
YIQ	187.1010, -61.3410, -28.1970

Conversions

Conversions Part 2

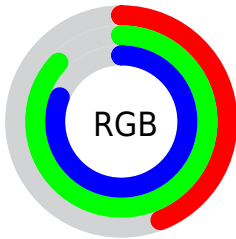
Format	Color
RYB	111, 171, 222
Decimal	7331535
CIELab	81.91, -35.40, -2.42
CIELCh	82, 35.485, 183.906
Yxy	60.1271, 0.2549, 0.3488
Android (android.graphics.Color)	4285521615 (0xFF6FDECF)
YUV	187.1010, 9.8102, -66.7406
Hunter-Lab	77.5417, -34.5502, 2.0393

Details

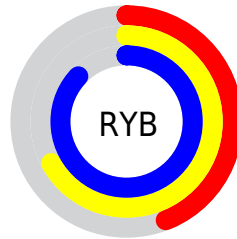
The XYZ color **43.9393, 60.1271, 68.3213** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **39.5766, 28.4065, 23.1379**, and the grayscale version is **47.2638, 49.7252, 54.1507**.

A 20% lighter version of the original color is **70.3876, 87.2860, 107.7458**, and **20.5583, 30.1767, 34.8781** is the 20% darker color. If you saturate the color by 10%, you get **41.1225, 58.7184, 66.2938**, and if you desaturate by 10%, it is **47.4606, 61.9011, 70.4208**.

Distribution



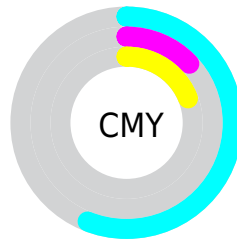
- Red (44%)
- Green (87%)
- Blue (81%)



- Red (44%)
- Yellow (67%)
- Blue (87%)



- Cyan (50%)
- Magenta (0%)
- Yellow (7%)
- Black (13%)





- Cyan (56%)
- Magenta (13%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.9393, 60.1271, 68.3213 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 43.9393, 60.1271, 68.3213 by changing the saturation by 10% instead.


 43.9393, 60.1271,
68.3213


 43.9393, 60.1271,
68.3213


353.3169,
425.0661, 473.2625


 30.8205, 43.5211,
49.6909


 80.3733, 105.0140,
118.4702

 20.6134, 30.2942,
34.7984

 104.4192,
134.0637, 150.8258

 12.9525, 20.0620,
23.2253


 132.8382,
168.0301, 188.5935

 7.4726, 12.4401,
14.5531

165.9957,
207.2976, 232.1918

 3.8083, 7.0442,
8.3632

204.2569,
252.2505, 282.0393

 1.5943, 3.4897,
4.2371

247.9873,

 0.3887, 1.3924,

303.2733, 338.5546

1.7563

297.5522,
360.7504, 402.1561

■ 0.0000, 0.2111,
0.3989

■ 0.0000, 0.0000,
0.0000

■ 43.9393, 60.1271,
68.3213

■ 43.9393, 60.1271,
68.3213

■ 41.1225, 58.7184,
66.2938

■ 47.4606, 61.9011,
70.4208

■ 38.9526, 57.6410,
64.3315


■ 51.7283, 64.0575,
72.5905


■ 37.3715, 56.8663,
62.4327


■ 56.7870, 66.6210,
74.8340


■ 36.3079, 56.3576,
60.5939


■ 62.6765, 69.6119,
77.1534


 35.6366, 56.0504,
58.8091


 69.4337, 73.0493,
79.5505

 35.6366, 56.0503,
58.8090

 77.0934, 76.9512,
82.0273

 81.3666, 79.1063,
84.3831

 81.7869, 79.2745,
86.5964

 82.2145, 79.4455,
88.8479

Harmonies

Analogous

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



45.1554, 60.1271, 48.9361



43.9393, 60.1271, 68.3213



46.0000, 60.1271, 91.3055

Triad

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



43.9393, 60.1271, 68.3213



65.5739, 60.1271, 106.0596



63.7271, 60.1271, 34.9493

Complementary

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



43.9393, 60.1271, 68.3213



39.5766, 28.4065, 23.1379

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.



69.9679, 60.1271, 45.0323



43.9393, 60.1271, 68.3213



71.0979, 60.1271, 85.3583

Square

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



43.9393, 60.1271, 68.3213



58.1367, 60.1271, 115.9010



72.7718, 60.1271, 62.6956



56.1725, 60.1271, 32.3124

Rectangle

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



43.9393, 60.1271, 68.3213



49.0702, 60.1271, 104.8175



72.7718, 60.1271, 62.6956



66.0692, 60.1271, 37.4526

Sweetspot

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



43.9410, 60.1295, 68.3227



81.5297, 93.1249, 103.9808



37.8419, 57.9548, 24.2320



17.0904, 19.7496, 22.1124



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.



43.9410, 60.1295, 68.3227



56.1370, 80.3038, 90.6254



36.7066, 42.5844, 75.3949



14.0327, 15.5388, 17.2074



21.1969, 33.3036, 35.0896



1.4916, 2.3174, 2.5500

Inverse Universe

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



39.5766, 28.4065, 23.1379



49.5464, 32.1848, 22.2346



43.8779, 38.4441, 20.1479



13.7823, 13.7305, 14.6237



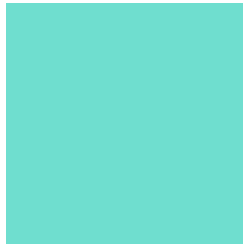
18.0558, 9.2893, 1.6936



1.2761, 0.6537, 0.2470

Previews

White Background



This preview shows how the XYZ color 43.9393, 60.1271, 68.3213 looks on a white background.

Color Contrast Check

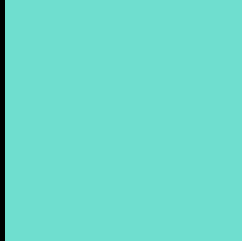
Large Text (above 18pt) WCAG AA × Fail

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 43.9393, 60.1271, 68.3213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

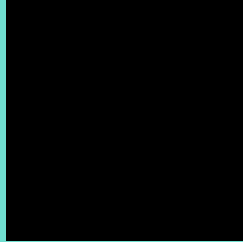
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

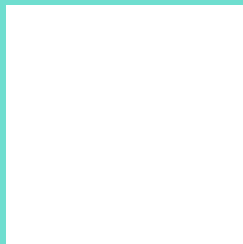
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.9393, 60.1271, 68.3213

Background



This preview shows how black text looks on a background with the XYZ color 43.9393, 60.1271, 68.3213.

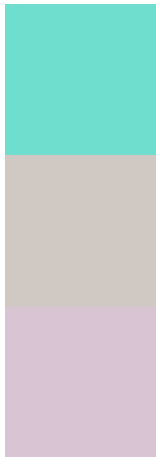


This preview shows how white text looks on a background with the XYZ color 43.9393, 60.1271,

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

43.9393, 60.1271, 68.3213

Protanopia

56.7494, 59.1233, 60.0507

Deuteranopia

60.2389, 58.9850, 70.4977



Tritanopia

47.8125, 60.1340, 87.6843

Trichromacy



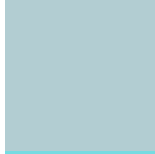
Original Color

43.9393, 60.1271, 68.3213



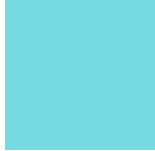
Protanomaly

50.3428, 58.6087, 62.6921



Deuteranomaly

51.8243, 57.7808, 69.3941



Tritanomaly

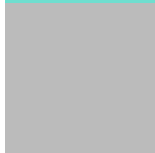
46.2582, 59.8812, 80.3543

Monochromacy



Original Color

43.9393, 60.1271, 68.3213



Achromatopsia

47.2335, 49.6933, 54.1160



Achromatomaly

44.6900, 52.5745, 58.8314

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.9393, 60.1271, 68.3213 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(111, 222, 207)` looks like.

```
.text, #text, p{  
    color:rgb(111, 222, 207)  
}
```

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(111, 222, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 222, 207) }
```

Border

The CSS property to change the border of an element to XYZ 43.9393, 60.1271, 68.3213 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(111, 222, 207) }
```


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

```
.border{ border-color:rgb(111, 222, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 222, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 222, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 222, 207);  
box-shadow:4px 4px 4px 4px rgb(111, 222,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 43.9393, 60.1271, 68.3213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 222, 207) }
```

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

```
.background{ background-color: rgb(111,  
222, 207) }
```

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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