

Converting Colors

XYZ(43.6271, 60.7594, 68.4598)

Have a look what the booklet for
XYZ(43.6271, 60.7594, 68.4598)
contains.

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Color

**XYZ(43.6271, 60.7594,
68.4598)**

Conversions

Conversions Part 1

Format	Color
Hex	68E0CF
RGB	104, 224, 207
RGB Percent	41%, 88%, 81%
CMY	0.5921, 0.1216, 0.1882
CMYK	0.54, 0.00, 0.08, 0.12
HSL	171°, 66%, 64%
HSV	171°, 54%, 88%
XYZ	43.6271, 60.7594, 68.4598
YIQ	186.1820, -66.0630, -30.7270

Conversions

Conversions Part 2

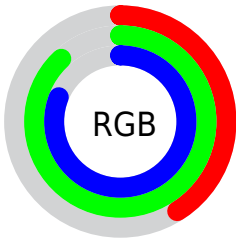
Format	Color
RYB	104, 169, 224
Decimal	6873295
CIELab	82.25, -37.79, -1.94
CIELCh	82, 37.844, 182.944
Yxy	60.7594, 0.2524, 0.3515
Android (android.graphics.Color)	4285063375 (0xFF68E0CF)
YUV	186.1820, 10.2633, -72.0736
Hunter-Lab	77.9483, -36.5044, 2.4911

Details

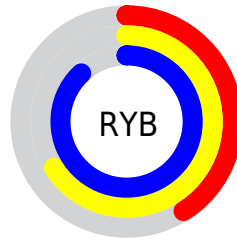
The XYZ color **43.6271, 60.7594, 68.4598** is a light color, and the websafe version is hex **33CCCC**. A complement of this color would be **39.1441, 27.1302, 21.2650**, and the grayscale version is **46.7466, 49.1810, 53.5581**.

A 20% lighter version of the original color is **69.1198, 86.6325, 107.6865**, and **20.4121, 30.6453, 34.9763** is the 20% darker color. If you saturate the color by 10%, you get **40.9805, 59.4409, 66.3318**, and if you desaturate by 10%, it is **46.9755, 62.4417, 70.6640**.

Distribution



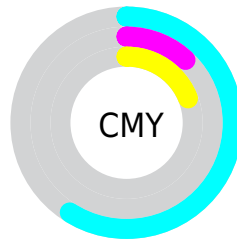
- Red (41%)
- Green (88%)
- Blue (81%)



- Red (41%)
- Yellow (66%)
- Blue (88%)



- Cyan (54%)
- Magenta (0%)
- Yellow (8%)
- Black (12%)





- Cyan (59%)
- Magenta (12%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.6271, 60.7594, 68.4598 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 43.6271, 60.7594, 68.4598 by changing the saturation by 10% instead.


 43.6271, 60.7594,
68.4598


 43.6271, 60.7594,
68.4598


352.0624,
427.3913, 473.7656


 30.5741, 44.0310,
49.8029


 79.9062, 105.9305,
118.6701

 20.4250, 30.6949,
34.8867


 103.8629,
135.1420, 151.0606

 12.8144, 20.3666,
23.2928


 132.1850,
169.2833, 188.8659

 7.3770, 12.6618,
14.6025

165.2377,
208.7389, 232.5048

 3.7474, 7.1961,
8.3974

203.3865,
253.8931, 282.3956

 1.5602, 3.5850,
4.2589

246.9966,

 0.3663, 1.4443,

305.1303, 338.9570

1.7684

296.4334,
362.8349, 402.6075

■ 0.0000, 0.2490,
0.4070

■ 0.0000, 0.0000,
0.0000

■ 43.6271, 60.7594,
68.4598

■ 43.6271, 60.7594,
68.4598

■ 40.9805, 59.4409,
66.3318

■ 46.9755, 62.4417,
70.6640

■ 38.9744, 58.4502,
64.2730


■ 51.0703, 64.5065,
72.9428


■ 37.5458, 57.7563,
62.2814


■ 55.9586, 66.9794,
75.2999

■ 36.6161, 57.3188,
60.3532


■ 61.6821, 69.8819,
77.7374


 36.2006, 57.1309,
59.1429

 68.2795, 73.2341,
80.2576

 75.7871, 77.0545,
82.8622

 82.0701, 80.2427,
85.4516

 82.5180, 80.4219,
87.8102

 82.9740, 80.6043,
90.2117

Harmonies

Analogous

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



45.0304, 60.7594, 47.9681



43.6271, 60.7594, 68.4598



45.7073, 60.7594, 93.3172

Triad

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



43.6271, 60.7594, 68.4598



66.5852, 60.7594, 110.7792



65.0825, 60.7594, 34.0048

Complementary

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



43.6271, 60.7594, 68.4598



39.1441, 27.1302, 21.2650

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.



71.7414, 60.7594, 44.8550



43.6271, 60.7594, 68.4598



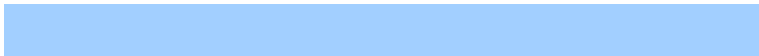
72.6641, 60.7594, 88.4444

Square

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



43.6271, 60.7594, 68.4598



58.5487, 60.7594, 121.0523



74.6326, 60.7594, 63.9058



56.9586, 60.7594, 31.0204

Rectangle

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



43.6271, 60.7594, 68.4598



48.9138, 60.7594, 108.2253



74.6326, 60.7594, 63.9058



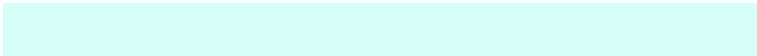
67.5910, 60.7594, 36.7055

Sweetspot

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



43.6289, 60.7618, 68.4612



80.6831, 92.6995, 103.4422



37.1823, 58.4509, 22.4205



16.9216, 19.6650, 21.9951



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.



43.6289, 60.7618, 68.4612



54.7017, 79.6042, 88.7343



35.8934, 41.7830, 76.6968



14.0287, 15.5372, 17.1863



21.1031, 33.2661, 34.5955



1.4860, 2.3151, 2.5203

Inverse Universe

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



39.1441, 27.1302, 21.2650



48.1399, 30.1157, 19.4722



43.5202, 37.4067, 18.0245



13.7859, 13.7320, 14.6430



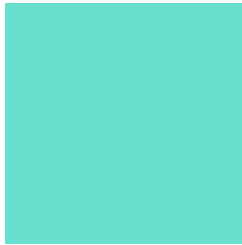
18.0679, 9.2942, 1.7574



1.2779, 0.6544, 0.2561

Previews

White Background



This preview shows how the XYZ color 43.6271, 60.7594, 68.4598 looks on a white background.

Color Contrast Check

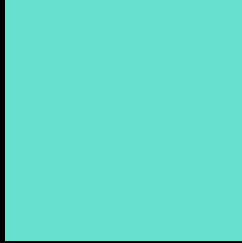
Large Text (above 18pt) WCAG AA × Fail

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 43.6271, 60.7594, 68.4598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

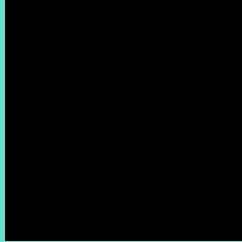
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

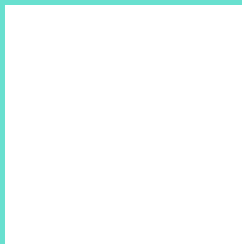
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.6271, 60.7594, 68.4598

Background



This preview shows how black text looks on a background with the XYZ color 43.6271, 60.7594, 68.4598.

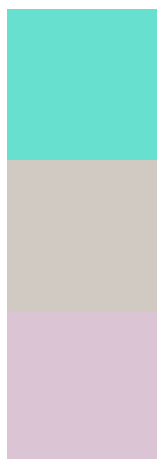


This preview shows how white text looks on a background with the XYZ color 43.6271, 60.7594,

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

43.6271, 60.7594, 68.4598

Protanopia

57.2654, 59.7365, 60.1418

Deuteranopia

61.1899, 59.7967, 71.2676



Tritanopia

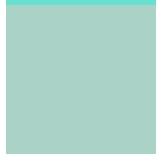
47.8187, 60.8782, 89.3511

Trichromacy



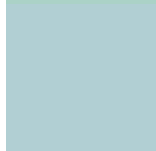
Original Color

43.6271, 60.7594, 68.4598



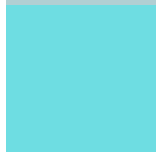
Protanomaly

50.1500, 58.8746, 62.7536



Deuteranomaly

52.2022, 58.6759, 70.2023



Tritanomaly

46.0143, 60.5189, 81.2076

Monochromacy



Original Color

43.6271, 60.7594, 68.4598



Achromatopsia

46.6715, 49.1021, 53.4722



Achromatomaly

44.1022, 52.2715, 58.8039

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6271, 60.7594, 68.4598 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(104, 224, 207)` looks like.

```
.text, #text, p{  
    color:rgb(104, 224, 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(104, 224, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 224, 207) }
```

Border

The CSS property to change the border of an element to XYZ 43.6271, 60.7594, 68.4598 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(104, 224, 207) }
```


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

```
.border{ border-color:rgb(104, 224, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 224, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 224, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 224, 207);  
box-shadow:4px 4px 4px 4px rgb(104, 224,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6271, 60.7594, 68.4598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 224, 207) }
```

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

```
.background{ background-color: rgb(104,  
224, 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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