

Converting Colors

XYZ(43.3867, 71.1372, 60.4567)

Have a look what the booklet for
XYZ(43.3867, 71.1372, 60.4567)
contains.

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Color

**XYZ(43.4234, 71.1294,
60.7309)**

Conversions

Conversions Part 1

Format	Color
Hex	1BF8BF
RGB	27, 248, 191
RGB Percent	11%, 97%, 75%
CMY	0.8940, 0.0274, 0.2510
CMYK	0.89, 0.00, 0.23, 0.03
HSL	165°, 94%, 54%
HSV	165°, 89%, 97%
XYZ	43.4234, 71.1294, 60.7309
YIQ	175.4230, -113.4190, -64.5790

Conversions

Conversions Part 2

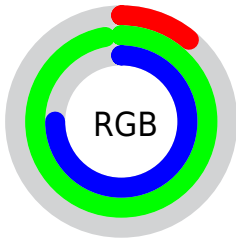
Format	Color
R_{YB}	27, 154, 248
Decimal	1833151
CIE _{Lab}	87.55, -61.23, 13.90
CIE _{LCh}	88, 62.792, 167.212
Yxy	71.1294, 0.2477, 0.4058
Android (android.graphics.Color)	4280023231 (0xFF1BF8BF)
YUV	175.4230, 7.6795, -130.1670
Hunter-Lab	84.3382, -55.6873, 16.3428

Details

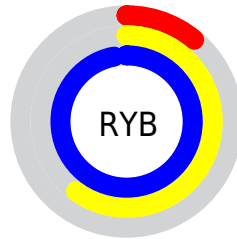
The XYZ color **43.4234, 71.1294, 60.7309** is a light color, and the websafe version is hex **00FFCC**. The color can be described as light washed spring green. A complement of this color would be **40.7063, 21.3824, 10.3739**, and the grayscale version is **40.9744, 43.1082, 46.9449**.

A 20% lighter version of the original color is **60.2942, 82.2285, 100.6895**, and **23.0009, 38.6619, 30.2950** is the 20% darker color. If you saturate the color by 10%, you get **42.3117, 70.6376, 57.0850**, and if you desaturate by 10%, it is **45.0994, 71.9121, 64.5669**.

Distribution



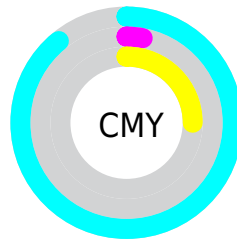
- Red (11%)
- Green (97%)
- Blue (75%)



- Red (11%)
- Yellow (60%)
- Blue (97%)



- Cyan (89%)
- Magenta (0%)
- Yellow (23%)
- Black (3%)





- Cyan (89%)
- Magenta (3%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.4234, 71.1294, 60.7309 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 43.4234, 71.1294, 60.7309 by changing the saturation by 10% instead.


 43.4234, 71.1294,
60.7309


 43.4234, 71.1294,
60.7309


351.2422,
464.5057, 445.1658


 30.4134, 52.4478,
43.5789


 79.6011, 120.8180,
107.4429


 20.3022, 37.3621,
30.0048


 103.4996,
152.5937, 137.8400


 12.7245, 25.4880,
19.5902

 131.7583,
189.5030, 173.4892

 7.3148, 16.4410,
11.9164

 164.7425,
231.9301, 214.8091

 3.7078, 9.8368,
6.5649

 202.8177,
280.2596, 262.2182

 1.5382, 5.2909,
3.1172

246.3491,

 0.3516, 2.4189,

334.8757, 316.1349

1.1548

295.7021,
396.1629, 376.9780

■ 0.0000, 0.8356,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.4234, 71.1294,
60.7309

■ 43.4234, 71.1294,
60.7309

■ 42.3117, 70.6376,
57.0850


■ 45.0994, 71.9121,
64.5669


■ 42.2237, 70.5992,
56.7667


■ 47.4734, 73.0491,
68.5966


■ 50.6398, 74.5911,
72.8278


■ 54.6768, 76.5782,
77.2662

 59.6529, 79.0457,
81.9168

 65.6298, 82.0254,
86.7844

 72.6635, 85.5460,
91.8734

 80.8062, 89.6345,
97.1880

 90.1062, 94.3158,
102.7323

Harmonies

Analogous

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



48.7539, 71.1294, 34.1432



43.4234, 71.1294, 60.7309



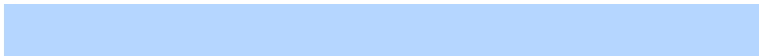
43.8491, 71.1294, 104.2322

Triad

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



43.4234, 71.1294, 60.7309



76.4059, 71.1294, 184.6691



88.9006, 71.1294, 31.6246

Complementary

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



43.4234, 71.1294, 60.7309



40.7063, 21.3824, 10.3739

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.



98.6893, 71.1294, 55.6965



43.4234, 71.1294, 60.7309



90.7827, 71.1294, 147.2776

Square

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



43.4234, 71.1294, 60.7309



61.4850, 71.1294, 187.5978



99.4246, 71.1294, 96.9813



74.1211, 71.1294, 21.9647

Rectangle

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



43.4234, 71.1294, 60.7309



47.3328, 71.1294, 138.1251



99.4246, 71.1294, 96.9813



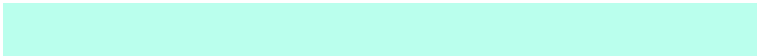
92.9722, 71.1294, 37.7942

Sweetspot

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



43.4253, 71.1322, 60.7326



71.3674, 88.1064, 93.5498



37.5998, 69.1925, 12.4119



14.7661, 18.6038, 19.6348



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.



43.4253, 71.1322, 60.7326



44.9696, 75.2038, 60.4172



37.2360, 46.6900, 95.8596



17.5634, 19.5276, 21.1673



22.8686, 38.1605, 30.9812



2.1611, 3.5515, 3.0962

Inverse Universe

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



40.7063, 21.3824, 10.3739



42.2168, 21.6507, 7.0737



41.6769, 25.5684, 3.7767



17.4283, 17.2987, 18.8454



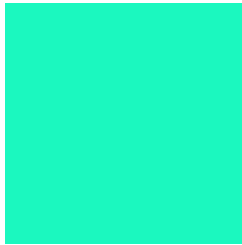
21.4594, 10.9995, 3.8619



2.0287, 1.0352, 0.5748

Previews

White Background



This preview shows how the XYZ color 43.4234, 71.1294, 60.7309 looks on a white background.

Color Contrast Check

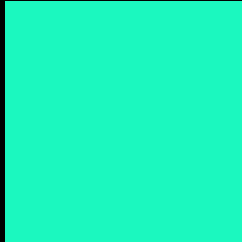
Large Text (above 18pt) WCAG AA × Fail

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 43.4234, 71.1294, 60.7309 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

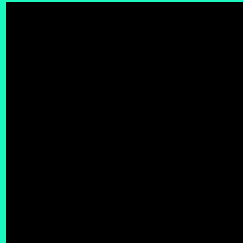
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

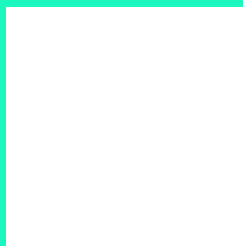
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.4234, 71.1294, 60.7309

Background



This preview shows how black text looks on a background with the XYZ color 43.4234, 71.1294, 60.7309.

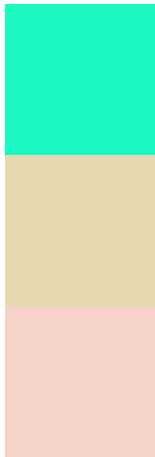


This preview shows how white text looks on a background with the XYZ color 43.4234, 71.1294,

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

43.4234, 71.1294, 60.7309

Protanopia

65.2825, 69.5833, 51.0645

Deuteranopia

71.0116, 69.6292, 63.7299



Tritanopia

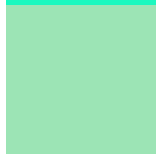
53.9277, 70.6719, 105.4065

Trichromacy



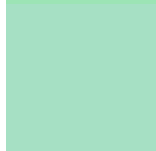
Original Color

43.4234, 71.1294, 60.7309



Protanomaly

49.7942, 65.8909, 53.8099



Deuteranomaly

52.3453, 65.4038, 62.0899



Tritanomaly

48.9224, 70.2326, 87.3217

Monochromacy



Original Color

43.4234, 71.1294, 60.7309



Achromatopsia

40.7470, 42.8690, 46.6844



Achromatomaly

37.3462, 49.6422, 51.3296

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4234, 71.1294, 60.7309 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(27, 248, 191)` looks like.

```
.text, #text, p{  
    color:rgb(27, 248, 191)  
}
```

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(27, 248, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 248, 191) }
```

Border

The CSS property to change the border of an element to XYZ 43.4234, 71.1294, 60.7309 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(27, 248, 191) }
```


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

```
.border{ border-color:rgb(27, 248, 191) }
```

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

Here you see how a box with a 4 pixel rgb(27, 248, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 248, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 248, 191);  
box-shadow:4px 4px 4px 4px rgb(27, 248,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4234, 71.1294, 60.7309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 248, 191) }
```

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

```
.background{ background-color: rgb(27, 248,  
191) }
```

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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