

Converting Colors

XYZ(31.0141, 43.2972, 67.0442)

Have a look what the booklet for
XYZ(31.0141, 43.2972, 67.0442)
contains.

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Color

**XYZ(31.0141, 43.2972,
67.0442)**

Conversions

Conversions Part 1

Format	Color
Hex	10C2D1
RGB	16, 194, 209
RGB Percent	6%, 76%, 82%
CMY	0.9371, 0.2392, 0.1804
CMYK	0.92, 0.07, 0.00, 0.18
HSL	185°, 86%, 44%
HSV	185°, 92%, 82%
XYZ	31.0141, 43.2972, 67.0442
YIQ	142.4880, -110.9030, -33.0710

Conversions

Conversions Part 2

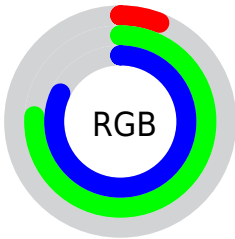
Format	Color
R _{YB}	16, 109, 209
Decimal	1098449
CIE Lab	71.76, -34.03, -18.85
CIE LCh	72, 38.903, 208.975
Yxy	43.2972, 0.2194, 0.3063
Android (android.graphics.Color)	4279288529 (0xFF10C2D1)
YUV	142.4880, 32.7904, -110.9300
Hunter-Lab	65.8006, -31.0178, -14.3501

Details

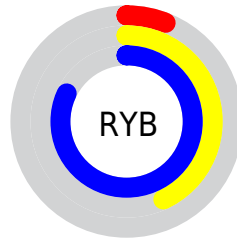
The XYZ color **31.0141, 43.2972, 67.0442** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **26.8795, 14.5747, 1.8881**, and the grayscale version is **25.8146, 27.1590, 29.5762**.

A 20% lighter version of the original color is **58.7315, 79.4025, 106.8385**, and **15.2945, 21.1227, 34.2813** is the 20% darker color. If you saturate the color by 10%, you get **30.5249, 42.6358, 66.9431**, and if you desaturate by 10%, it is **31.9254, 44.3075, 67.1920**.

Distribution



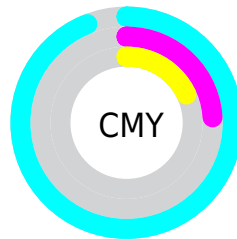
- Red (6%)
- Green (76%)
- Blue (82%)



- Red (6%)
- Yellow (43%)
- Blue (82%)



- Cyan (92%)
- Magenta (7%)
- Yellow (0%)
- Black (18%)



- Cyan (94%)
- Magenta (24%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.0141, 43.2972, 67.0442 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 31.0141, 43.2972, 67.0442 by changing the saturation by 10% instead.

31.0141, 43.2972,
67.0442

31.0141, 43.2972,
67.0442

298.4290,
359.8326, 468.6079

20.7615, 30.1184,
48.6587

60.6380, 80.1592,
116.6250

13.0612, 19.9285,
33.9851

80.7399, 104.6111,
148.6574

7.5480, 12.3430,
22.6049

104.8556,
133.5895, 186.0758

3.8565, 6.9778,
14.0995

133.3506,
167.4788, 229.2989

1.6213, 3.4482,
8.0504

166.5900,
206.6633, 278.7451

0.4062, 1.3700,
4.0390

204.9393,

0.0000, 0.1944,

251.5275, 334.8329

1.6467

248.7639,
302.4558, 397.9810

■ 0.0000, 0.0000,
0.3238

■ 0.0000, 0.0000,
0.0000

■ 31.0141, 43.2972,
67.0442

■ 31.0141, 43.2972,
67.0442

■ 30.5249, 42.6358,
66.9431

■ 31.9254, 44.3075,
67.1920

■ 33.2676, 45.5450,
67.3601

■ 35.1062, 47.0444,
67.5526

■ 37.4945, 48.8330,
67.7720

■ 40.4789, 50.9348,
68.0204

■ 44.1009, 53.3713,
68.2998

■ 48.3983, 56.1620,
68.6119

■ 53.4059, 59.3247,
68.9585

■ 59.1560, 62.8763,
69.3409

Harmonies

Analogous

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



29.7181, 43.2972, 46.4956



31.0141, 43.2972, 67.0442



34.9491, 43.2972, 85.6756

Triad

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



31.0141, 43.2972, 67.0442



53.0207, 43.2972, 68.4796



41.3803, 43.2972, 19.3308

Complementary

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



31.0141, 43.2972, 67.0442



26.8795, 14.5747, 1.8881

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.



48.0501, 43.2972, 22.3431



31.0141, 43.2972, 67.0442



55.1982, 43.2972, 47.7970

Square

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



31.0141, 43.2972, 67.0442



47.6151, 43.2972, 86.6483



53.2902, 43.2972, 31.6306



35.3032, 43.2972, 21.9499

Rectangle

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



31.0141, 43.2972, 67.0442



38.7719, 43.2972, 92.6021



53.2902, 43.2972, 31.6306



43.6290, 43.2972, 19.7004

Sweetspot

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



31.0155, 43.2988, 67.0453



71.7365, 85.3911, 107.3090



23.2356, 45.8002, 8.7716



14.7571, 17.8852, 22.9244



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.



31.0155, 43.2988, 67.0453



47.8098, 66.7397, 104.9699



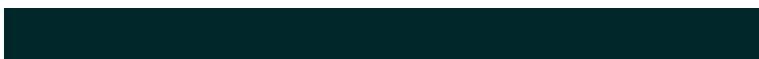
16.2471, 13.7620, 62.1225



12.0765, 13.2432, 15.1634



18.8536, 26.3539, 41.2856



1.0781, 1.5213, 2.3164

Inverse Universe

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



36.2186, 17.8223, 52.5717



56.2614, 27.2686, 81.0316



33.7708, 28.3573, 4.1852



12.2695, 11.9925, 14.6950



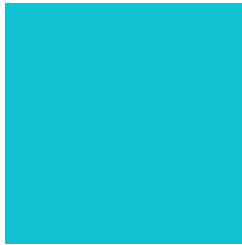
22.1472, 10.7317, 32.0109



1.2504, 0.6049, 1.8533

Previews

White Background



This preview shows how the XYZ color 31.0141, 43.2972, 67.0442 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 31.0141, 43.2972, 67.0442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

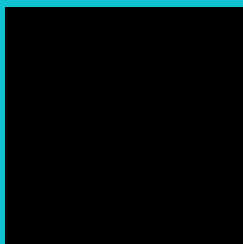
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

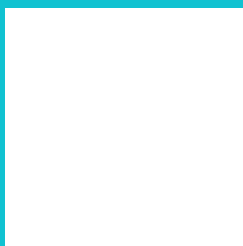
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.0141, 43.2972, 67.0442

Background



This preview shows how black text looks on a background with the XYZ color 31.0141, 43.2972, 67.0442.



This preview shows how white text looks on a background with the XYZ color 31.0141, 43.2972,

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

31.0141, 43.2972, 67.0442

Protanopia

41.5885, 42.4852, 57.6383

Deuteranopia

43.4951, 42.6388, 69.5560



Tritanopia

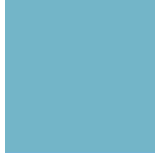
31.1741, 43.3653, 67.7001

Trichromacy



Original Color

31.0141, 43.2972, 67.0442



Protanomaly

34.0194, 40.8627, 60.7379



Deuteranomaly

35.0740, 40.6385, 68.2828



Tritanomaly

31.1558, 43.3559, 67.6992

Monochromacy



Original Color

31.0141, 43.2972, 67.0442



Achromatopsia

26.1081, 27.4677, 29.9124



Achromatomaly

24.8251, 31.1721, 41.2676

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.0141, 43.2972, 67.0442 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(16, 194, 209)` looks like.

```
.text, #text, p{  
    color:rgb(16, 194, 209)  
}
```

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(16, 194, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 194, 209) }
```

Border

The CSS property to change the border of an element to XYZ 31.0141, 43.2972, 67.0442 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(16, 194, 209) }
```


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

```
.border{ border-color:rgb(16, 194, 209) }
```

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

Here you see how a box with a 4 pixel rgb(16, 194, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 194, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 194, 209);  
box-shadow:4px 4px 4px 4px rgb(16, 194,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 31.0141, 43.2972, 67.0442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 194, 209) }
```

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

```
.background{ background-color: rgb(16, 194,  
209) }
```

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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