

Converting Colors

XYZ(31.1801, 43.8539, 67.1965)

Have a look what the booklet for
XYZ(31.1801, 43.8539, 67.1965)
contains.

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Color

**XYZ(31.0738, 43.6595,
67.1110)**

Conversions

Conversions Part 1

Format	Color
Hex	04C3D1
RGB	4, 195, 209
RGB Percent	2%, 76%, 82%
CMY	0.9841, 0.2353, 0.1804
CMYK	0.98, 0.07, 0.00, 0.18
HSL	184°, 96%, 42%
HSV	184°, 98%, 82%
XYZ	31.0738, 43.6595, 67.1110
YIQ	139.4870, -118.3300, -36.1380

Conversions

Conversions Part 2

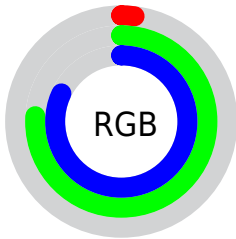
Format	Color
R_{YB}	4, 103, 209
Decimal	312273
CIE _{Lab}	72.00, -34.87, -18.48
CIE _{LCh}	72, 39.460, 207.927
Yxy	43.6595, 0.2191, 0.3078
Android (android.graphics.Color)	4278502353 (0xFF04C3D1)
YUV	139.4870, 34.2699, -118.8221
Hunter-Lab	66.0753, -31.6872, -13.9666

Details

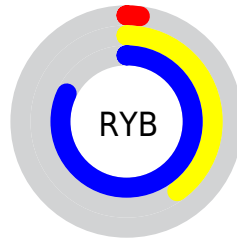
The XYZ color **31.0738, 43.6595, 67.1110** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **26.5341, 13.9985, 1.4197**, and the grayscale version is **24.6388, 25.9220, 28.2290**.

A 20% lighter version of the original color is **58.8043, 79.9050, 106.9316**, and **15.4413, 21.4163, 34.3303** is the 20% darker color. If you saturate the color by 10%, you get **30.9626, 43.5112, 67.0891**, and if you desaturate by 10%, it is **31.7455, 44.4838, 67.2355**.

Distribution



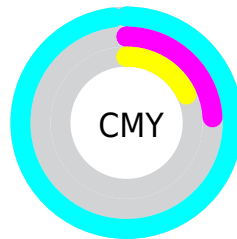
- Red (2%)
- Green (76%)
- Blue (82%)



- Red (2%)
- Yellow (40%)
- Blue (82%)



- Cyan (98%)
- Magenta (7%)
- Yellow (0%)
- Black (18%)



- Cyan (98%)
- Magenta (24%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.0738, 43.6595, 67.1110 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 31.0738, 43.6595, 67.1110 by changing the saturation by 10% instead.

31.0738, 43.6595,
67.1110

31.0738, 43.6595,
67.1110

298.6990,
361.3170, 468.8520

20.8072, 30.4029,
48.7127

60.7313, 80.7051,
116.7216

13.0948, 20.1446,
34.0276

80.8529, 105.2630,
148.7710

7.5713, 12.5002,
22.6373

104.9901,
134.3567, 186.2078

3.8714, 7.0853,
14.1231

133.5084,
168.3706, 229.4505

1.6296, 3.5155,
8.0666

166.7730,
207.6892, 278.9178

0.4116, 1.4064,
4.0492

205.1495,

0.0000, 0.2214,

252.6969, 335.0281

1.6524

249.0030,
303.7780, 398.2000

■ 0.0000, 0.0000,
0.3278

■ 0.0000, 0.0000,
0.0000

■ 31.0738, 43.6595,
67.1110

■ 31.0738, 43.6595,
67.1110

■ 30.9626, 43.5112,
67.0891

■ 31.7455, 44.4838,
67.2355

■ 32.7902, 45.5040,
67.3774

■ 34.2953, 46.7661,
67.5417

■ 36.3197, 48.3005,
67.7311

■ 38.9134, 50.1330,
67.9481

■ 42.1204, 52.2863,
68.1947

■ 45.9807, 54.7809,
68.4728

■ 50.5306, 57.6357,
68.7840

■ 55.8039, 60.8681,
69.1300

Harmonies

Analogous

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



29.8534, 43.6595, 46.2087



31.0738, 43.6595, 67.1110



34.9930, 43.6595, 86.4029

Triad

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



31.0738, 43.6595, 67.1110



53.4672, 43.6595, 70.0780



41.9673, 43.6595, 19.2706

Complementary

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



31.0738, 43.6595, 67.1110



26.5341, 13.9985, 1.4197

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.



48.7609, 43.6595, 22.5258



31.0738, 43.6595, 67.1110



55.8318, 43.6595, 48.8921

Square

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



31.0738, 43.6595, 67.1110



47.8630, 43.6595, 88.4165



54.0239, 43.6595, 32.1965



35.7222, 43.6595, 21.7202

Rectangle

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



31.0738, 43.6595, 67.1110



38.8468, 43.6595, 93.8147



54.0239, 43.6595, 32.1965



44.2652, 43.6595, 19.7099

Sweetspot

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



31.0752, 43.6611, 67.1121



71.2876, 85.3894, 107.3323



22.9583, 45.6704, 8.1652



14.6841, 17.9076, 22.9325



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.



31.0752, 43.6611, 67.1121



48.5034, 68.1267, 105.2011



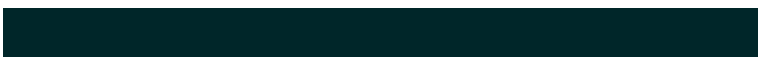
15.4615, 12.4338, 61.9075



12.0864, 13.2630, 15.1667



19.1199, 26.8864, 41.3744



1.0903, 1.5458, 2.3205

Inverse Universe

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



36.1894, 17.5836, 53.1180



56.6115, 27.4086, 82.8750



33.0561, 27.0425, 3.5937



12.2745, 11.9945, 14.7213



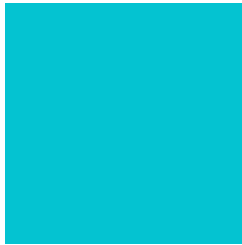
22.2816, 10.7855, 32.7185



1.2566, 0.6073, 1.8858

Previews

White Background



This preview shows how the XYZ color 31.0738, 43.6595, 67.1110 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 31.0738, 43.6595, 67.1110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

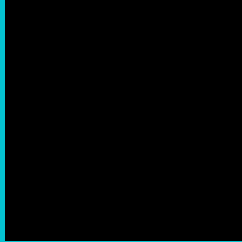
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

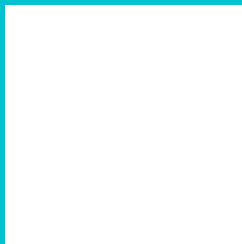
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.0738, 43.6595, 67.1110

Background



This preview shows how black text looks on a background with the XYZ color 31.0738, 43.6595, 67.1110.



This preview shows how white text looks on a background with the XYZ color 31.0738, 43.6595,

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

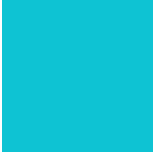
31.0738, 43.6595, 67.1110

Protanopia

41.9996, 42.9829, 57.7127

Deuteranopia

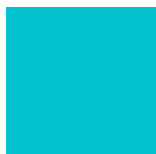
43.9341, 42.8651, 69.5765



Tritanopia

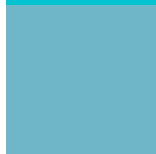
31.4541, 43.8267, 68.4296

Trichromacy



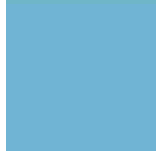
Original Color

31.0738, 43.6595, 67.1110



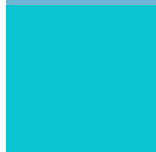
Protanomaly

33.7088, 41.0055, 60.7818



Deuteranomaly

34.8870, 40.8407, 68.3317



Tritanomaly

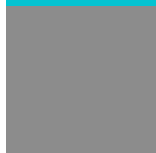
31.2731, 43.7479, 67.7687

Monochromacy



Original Color

31.0738, 43.6595, 67.1110



Achromatopsia

24.9269, 26.2251, 28.5591



Achromatomaly

23.6767, 30.0824, 40.1559

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.0738, 43.6595, 67.1110 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(4, 195, 209)` looks like.

```
.text, #text, p{  
    color:rgb(4, 195, 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(4, 195, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 195, 209) }
```

Border

The CSS property to change the border of an element to XYZ 31.0738, 43.6595, 67.1110 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(4, 195, 209) }
```


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

```
.border{ border-color:rgb(4, 195, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 195, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 195, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 195, 209);  
box-shadow:4px 4px 4px 4px rgb(4, 195,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 31.0738, 43.6595, 67.1110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 195, 209) }
```

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

```
.background{ background-color: rgb(4, 195,  
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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