

Converting Colors

XYZ(24.0738, 40.0881, 62.5033)

Have a look what the booklet for
XYZ(24.0738, 40.0881, 62.5033)
contains.

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Color

**XYZ(30.1758, 43.2945,
62.6434)**

Conversions

Conversions Part 1

Format	Color
Hex	00C3CA
RGB	0, 195, 202
RGB Percent	0%, 76%, 79%
CMY	0.9998, 0.2353, 0.2078
CMYK	1.00, 0.03, 0.00, 0.21
HSL	182°, 100%, 40%
HSV	182°, 100%, 79%
XYZ	30.1758, 43.2945, 62.6434
YIQ	137.4930, -118.4670, -39.1630

Conversions

Conversions Part 2

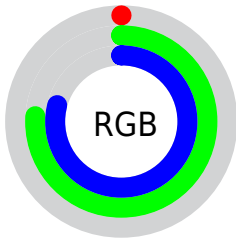
Format	Color
RYB	0, 99, 202
Decimal	50122
CIELab	71.75, -37.16, -15.04
CIELCh	72, 40.085, 202.039
Yxy	43.2945, 0.2217, 0.3181
Android (android.graphics.Color)	4278240202 (0xFF00C3CA)
YUV	137.4930, 31.8020, -120.5814
Hunter-Lab	65.7986, -33.2858, -10.3880

Details

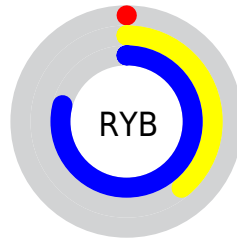
The XYZ color **30.1758, 43.2945, 62.6434** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **24.4342, 12.7098, 1.1667**, and the grayscale version is **23.8856, 25.1295, 27.3660**.

A 20% lighter version of the original color is **58.6861, 79.8441, 106.9261**, and **14.8702, 21.1879, 31.3229** is the 20% darker color. If you saturate the color by 10%, you get **30.1762, 43.2951, 62.6443**, and if you desaturate by 10%, it is **30.6273, 43.7616, 62.7106**.

Distribution



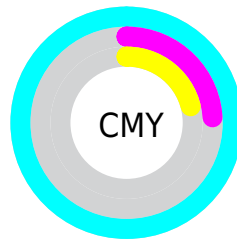
- Red (0%)
- Green (76%)
- Blue (79%)



- Red (0%)
- Yellow (39%)
- Blue (79%)



- Cyan (100%)
- Magenta (3%)
- Yellow (0%)
- Black (21%)





- Cyan (100%)
- Magenta (24%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.1758, 43.2945, 62.6434 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 30.1758, 43.2945, 62.6434 by changing the saturation by 10% instead.

 30.1758, 43.2945,
62.6434


 30.1758, 43.2945,
62.6434


294.6182,
359.8215, 452.3464


 20.1208, 30.1163,
45.1136


 59.3248, 80.1551,
110.2355


 12.5917, 19.9268,
31.2033


 79.1495, 104.6062,
141.1349

 7.2230, 12.3419,
20.4940


 102.9615,
133.5837, 177.3279

 3.6495, 6.9770,
12.5670

 131.1262,
167.4721, 219.2331

 1.5058, 3.4477,
7.0039

 164.0088,
206.6557, 267.2690

 0.3298, 1.3697,
3.3860

201.9748,

 0.0000, 0.1942,

251.5188, 321.8542

1.2950

245.3894,
302.4460, 383.4071

■ 0.0000, 0.0000,
0.0577

■ 0.0000, 0.0000,
0.0000

■ 30.1758, 43.2945,
62.6434

■ 30.1758, 43.2945,
62.6434

■ 30.1762, 43.2951,
62.6443

■ 30.6273, 43.7616,
62.7106

■ 31.3843, 44.3863,
62.7913

■ 32.5532, 45.2245,
62.8914

■ 34.1901, 46.3050,
63.0137

■ 36.3421, 47.6522,
63.1603

■ 39.0508, 49.2874,
63.3332

■ 42.3533, 51.2299,
63.5341

■ 46.2837, 53.4972,
63.7645

■ 50.8735, 56.1055,
64.0261

Harmonies

Analogous

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



29.5060, 43.2945, 42.1392



30.1758, 43.2945, 62.6434



33.6160, 43.2945, 83.2806

Triad

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



30.1758, 43.2945, 62.6434



52.3505, 43.2945, 74.1473



42.9888, 43.2945, 18.9187

Complementary

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



30.1758, 43.2945, 62.6434



24.4342, 12.7098, 1.1667

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.



49.7335, 43.2945, 23.3409



30.1758, 43.2945, 62.6434



55.5139, 43.2945, 52.5223

Square

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



30.1758, 43.2945, 62.6434



46.2569, 43.2945, 91.0965



54.5068, 43.2945, 34.4326



36.4337, 43.2945, 20.2415

Rectangle

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



30.1758, 43.2945, 62.6434



37.2463, 43.2945, 92.5186



54.5068, 43.2945, 34.4326



45.3176, 43.2945, 19.7269

Sweetspot

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



30.1771, 43.2961, 62.6445



71.4451, 86.5844, 107.5546



21.1586, 42.2569, 7.2359



14.7577, 18.2199, 22.9889



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.



30.1771, 43.2961, 62.6445



51.0554, 73.2309, 106.0518



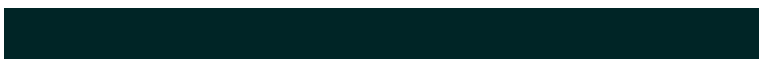
14.6901, 12.3220, 57.4821



11.5087, 12.6577, 14.4070



19.4319, 27.8877, 40.3150



1.0131, 1.4600, 2.0834

Inverse Universe

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



34.2086, 16.4980, 53.0128



57.8996, 27.9238, 89.6584



29.6946, 23.2305, 2.9202



11.6701, 11.3968, 14.0634



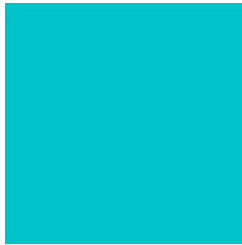
22.0192, 10.6183, 34.1495



1.1413, 0.5499, 1.7900

Previews

White Background



This preview shows how the XYZ color 30.1758, 43.2945, 62.6434 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 30.1758, 43.2945, 62.6434 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

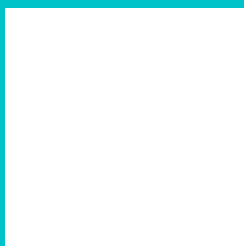
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.1758, 43.2945, 62.6434

Background



This preview shows how black text looks on a background with the XYZ color 30.1758, 43.2945, 62.6434.

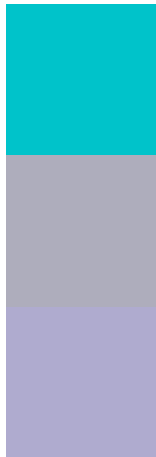


This preview shows how white text looks on a background with the XYZ color 30.1758, 43.2945,

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

30.1758, 43.2945, 62.6434

Protanopia

41.4762, 42.5167, 53.5975

Deuteranopia

43.5046, 42.7448, 64.9891



Tritanopia

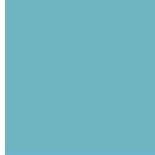
31.3766, 43.4697, 67.7095

Trichromacy



Original Color

30.1758, 43.2945, 62.6434



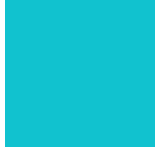
Protanomaly

32.7051, 40.2775, 56.5027



Deuteranomaly

33.8962, 40.4298, 63.7748



Tritanomaly

30.7854, 43.2077, 65.7488

Monochromacy



Original Color

30.1758, 43.2945, 62.6434



Achromatopsia

24.1572, 25.4152, 27.6772



Achromatomaly

22.8557, 29.4442, 38.1969

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1758, 43.2945, 62.6434 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(0, 195, 202)` looks like.

```
.text, #text, p{  
    color:rgb(0, 195, 202)  
}
```

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(0, 195, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 195, 202) }
```

Border

The CSS property to change the border of an element to XYZ 30.1758, 43.2945, 62.6434 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(0, 195, 202) }
```


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

```
.border{ border-color:rgb(0, 195, 202) }
```

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

Here you see how a box with a 4 pixel rgb(0, 195, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 195, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 195, 202);  
box-shadow:4px 4px 4px 4px rgb(0, 195,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1758, 43.2945, 62.6434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 195, 202) }
```

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

```
.background{ background-color: rgb(0, 195,  
202) }
```

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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