

Converting Colors

XYZ(26.5645, 46.0042, 58.1622)

Have a look what the booklet for
XYZ(26.5645, 46.0042, 58.1622)
contains.

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Color

**XYZ(32.1815, 48.9620,
58.2065)**

Conversions

Conversions Part 1

Format	Color
Hex	00D0C1
RGB	0, 208, 193
RGB Percent	0%, 82%, 76%
CMY	0.9998, 0.1843, 0.2431
CMYK	1.00, 0.00, 0.07, 0.18
HSL	176°, 100%, 41%
HSV	176°, 100%, 82%
XYZ	32.1815, 48.9620, 58.2065
YIQ	144.0980, -119.1530, -48.7610

Conversions

Conversions Part 2

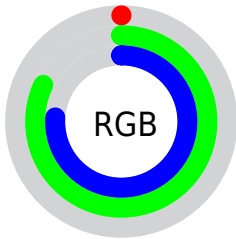
Format	Color
RYB	0, 108, 208
Decimal	53441
CIELab	75.43, -45.59, -4.68
CIELCh	75, 45.833, 185.866
Yxy	48.9620, 0.2309, 0.3514
Android (android.graphics.Color)	4278243521 (0xFF00D0C1)
YUV	144.0980, 24.1087, -126.3739
Hunter-Lab	69.9729, -40.3578, -0.3390

Details

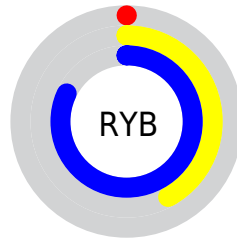
The XYZ color **32.1815, 48.9620, 58.2065** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **26.1003, 13.4458, 1.6732**, and the grayscale version is **26.4944, 27.8742, 30.3550**.

A 20% lighter version of the original color is **58.8027, 81.4237, 102.2397**, and **16.1249, 24.6759, 28.7240** is the 20% darker color. If you saturate the color by 10%, you get **32.1821, 48.9635, 58.2059**, and if you desaturate by 10%, it is **32.6566, 49.1886, 59.1081**.

Distribution



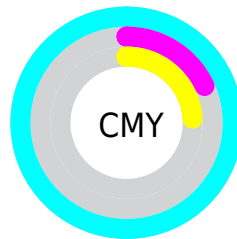
- Red (0%)
- Green (82%)
- Blue (76%)



- Red (0%)
- Yellow (42%)
- Blue (82%)



- Cyan (100%)
- Magenta (0%)
- Yellow (7%)
- Black (18%)





- Cyan (100%)
- Magenta (18%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.1815, 48.9620, 58.2065 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 32.1815, 48.9620, 58.2065 by changing the saturation by 10% instead.


 32.1815, 48.9620,
58.2065


 32.1815, 48.9620,
58.2065


303.6758,
382.5927, 435.5747


 21.6564, 34.5893,
41.5589


 62.4588, 88.6350,
103.7413


 13.7198, 23.3467,
28.4331


 82.9417, 114.7042,
133.4655


 8.0065, 14.8497,
18.4105


 107.4745,
145.4409, 168.3857

 4.1509, 8.7140,
11.0726

 136.4227,
181.2297, 208.9203

 1.7879, 4.5551,
6.0009

 170.1516,
222.4548, 255.4880

 0.5103, 1.9887,
2.7768

209.0265,

 0.0000, 0.6009,

269.5008, 308.5073

0.9818

253.4128,
322.7520, 368.3967

■ 0.0000, 0.0000,
0.0000

■ 32.1815, 48.9620,
58.2065

■ 32.1815, 48.9620,
58.2065

■ 32.1821, 48.9635,
58.2059

■ 32.6566, 49.1886,
59.1081

■ 33.4609, 49.5836,
60.0330

■ 34.7068, 50.2060,
60.9874

■ 36.4544, 51.0869,
61.9742

■ 38.7547, 52.2526,
62.9959

■ 41.6522, 53.7258,
64.0545

■ 45.1870, 55.5274,
65.1520

■ 49.3956, 57.6762,
66.2900

■ 54.3118, 60.1896,
67.4703

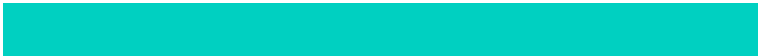
Harmonies

Analogous

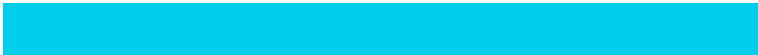
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



33.2362, 48.9620, 36.4688



32.1815, 48.9620, 58.2065



34.5798, 48.9620, 85.4610

Triad

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



32.1815, 48.9620, 58.2065



56.7130, 48.9620, 100.5726



53.4965, 48.9620, 21.1386

Complementary

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



32.1815, 48.9620, 58.2065



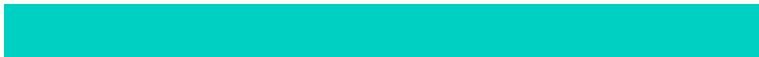
26.1003, 13.4458, 1.6732

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.



60.9744, 48.9620, 30.4440



32.1815, 48.9620, 58.2065



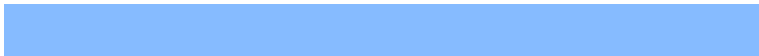
62.9831, 48.9620, 74.6744

Square

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



32.1815, 48.9620, 58.2065



48.2162, 48.9620, 114.2388



64.6297, 48.9620, 48.6985



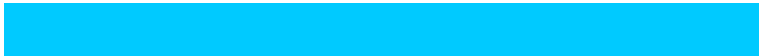
44.8971, 48.9620, 19.1426

Rectangle

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



32.1815, 48.9620, 58.2065



38.0075, 48.9620, 101.8086



64.6297, 48.9620, 48.6985



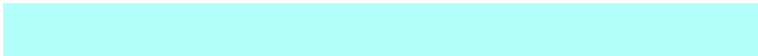
56.2555, 48.9620, 23.3409

Sweetspot

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



32.1829, 48.9638, 58.2077



71.4092, 87.9139, 103.2223



22.7947, 45.2360, 7.5312



14.7492, 18.5442, 21.9335



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.



32.1829, 48.9638, 58.2077



50.9884, 77.6114, 92.1118



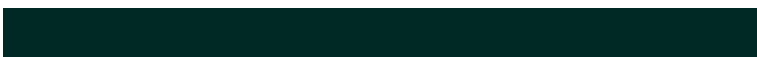
18.2663, 18.3149, 62.2489



12.1200, 13.3918, 14.9885



20.0723, 30.5219, 36.3567



1.1336, 1.7111, 2.0922

Inverse Universe

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



26.1003, 13.4458, 1.6732



41.3524, 21.3050, 2.5221



29.3968, 20.1770, 2.3463



11.8428, 11.8219, 12.4482



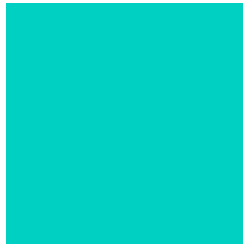
16.2796, 8.3847, 1.1127



0.9226, 0.4738, 0.1273

Previews

White Background



This preview shows how the XYZ color 32.1815, 48.9620, 58.2065 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 32.1815, 48.9620, 58.2065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

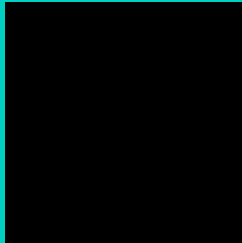
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

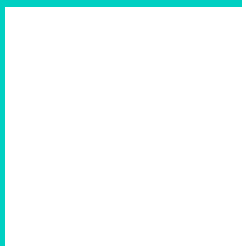
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.1815, 48.9620, 58.2065

Background



This preview shows how black text looks on a background with the XYZ color 32.1815, 48.9620, 58.2065.

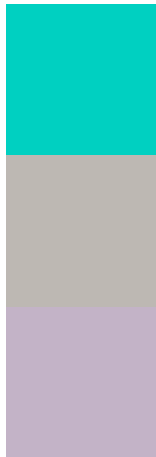


This preview shows how white text looks on a background with the XYZ color 32.1815, 48.9620,

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

32.1815, 48.9620, 58.2065

Protanopia

46.2634, 48.3545, 49.5428

Deuteranopia

48.9346, 47.9658, 60.7120



Tritanopia

35.9106, 49.0592, 75.9833

Trichromacy



Original Color

32.1815, 48.9620, 58.2065



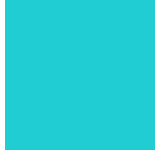
Protanomaly

35.4674, 45.5937, 52.2785



Deuteranomaly

36.8037, 45.1432, 59.5971



Tritanomaly

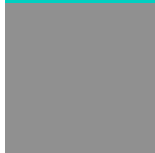
34.1543, 48.6571, 69.2197

Monochromacy



Original Color

32.1815, 48.9620, 58.2065



Achromatopsia

26.5089, 27.8894, 30.3716



Achromatomaly

24.7539, 32.5214, 39.1550

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1815, 48.9620, 58.2065 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, 208, 193)` looks like.

```
.text, #text, p{  
    color:rgb(0, 208, 193)  
}
```

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, 208, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 208, 193) }
```

Border

The CSS property to change the border of an element to XYZ 32.1815, 48.9620, 58.2065 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, 208, 193) }
```


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

```
.border{ border-color:rgb(0, 208, 193) }
```

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

Here you see how a box with a 4 pixel rgb(0, 208, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 208, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 208, 193);  
box-shadow:4px 4px 4px 4px rgb(0, 208,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1815, 48.9620, 58.2065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 208, 193) }
```

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

```
.background{ background-color: rgb(0, 208,  
193) }
```

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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