

Converting Colors

XYZ(25.9960, 40.1975, 58.5138)

Have a look what the booklet for
XYZ(25.9960, 40.1975, 58.5138)
contains.

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Color

**XYZ(28.8134, 41.6848,
58.7519)**

Conversions

Conversions Part 1

Format	Color
Hex	00C0C4
RGB	0, 192, 196
RGB Percent	0%, 75%, 77%
CMY	0.9999, 0.2470, 0.2314
CMYK	1.00, 0.02, 0.00, 0.23
HSL	181°, 100%, 38%
HSV	181°, 100%, 77%
XYZ	28.8134, 41.6848, 58.7519
YIQ	135.0480, -115.7160, -39.4600

Conversions

Conversions Part 2

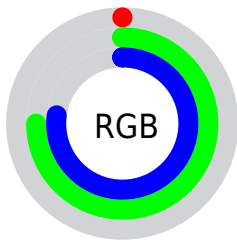
Format	Color
RYB	0, 97, 196
Decimal	49348
CIELab	70.65, -37.62, -13.42
CIELCh	71, 39.944, 199.634
Yxy	41.6848, 0.2229, 0.3225
Android (android.graphics.Color)	4278239428 (0xFF00C0C4)
YUV	135.0480, 30.0493, -118.4371
Hunter-Lab	64.5638, -33.3259, -8.7582

Details

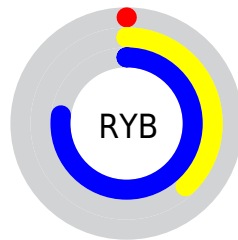
The XYZ color **28.8134, 41.6848, 58.7519** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **22.8093, 11.8236, 1.0811**, and the grayscale version is **22.9743, 24.1708, 26.3220**.

A 20% lighter version of the original color is **57.1988, 77.7268, 104.9166**, and **13.9710, 20.1300, 28.7403** is the 20% darker color. If you saturate the color by 10%, you get **28.8140, 41.6858, 58.7528**, and if you desaturate by 10%, it is **29.1833, 42.0069, 58.7954**.

Distribution



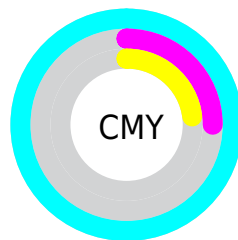
- Red (0%)
- Green (75%)
- Blue (77%)



- Red (0%)
- Yellow (38%)
- Blue (77%)



- Cyan (100%)
- Magenta (2%)
- Yellow (0%)
- Black (23%)



- Cyan (100%)
- Magenta (25%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.8134, 41.6848, 58.7519 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 28.8134, 41.6848, 58.7519 by changing the saturation by 10% instead.

■ 28.8134, 41.6848,
58.7519

■ 28.8134, 41.6848,
58.7519

288.3436,
353.1746, 437.6581

■ 19.0833, 28.8546,
41.9947

■ 57.1801, 77.7224,
104.5426

■ 11.8348, 18.9708,
28.7716

■ 76.5474, 101.6985,
134.4131

■ 6.7027, 11.6492,
18.6640

■ 99.8578, 130.1587,
169.4919

■ 3.3215, 6.5053,
11.2534

■ 127.4766,
163.4873, 210.1975

■ 1.3260, 3.1547,
6.1212

■ 159.7693,
202.0689, 256.9484

■ 0.2026, 1.2130,
2.8490

197.1011,

■ 0.0000, 0.0723,

246.2877, 310.1631

1.0180

239.8374,
296.5281, 370.2601

■ 0.0000, 0.0000,
0.0000

■ 28.8134, 41.6848,
58.7519

■ 28.8134, 41.6848,
58.7519

■ 28.8140, 41.6858,
58.7528

■ 29.1833, 42.0069,
58.7954

■ 29.8360, 42.4743,
58.8512

■ 30.8728, 43.1400,
58.9250

■ 32.3453, 44.0307,
59.0193

■ 34.2974, 45.1690,
59.1362

■ 36.7676, 46.5748,
59.2773

■ 39.7904, 48.2658,
59.4444

■ 43.3975, 50.2583,
59.6389

■ 47.6181, 52.5675,
59.8621

Harmonies

Analogous

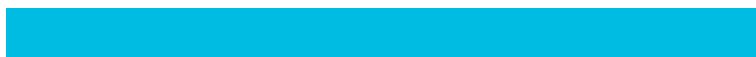
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



28.3856, 41.6848, 39.1476



28.8134, 41.6848, 58.7519



31.9446, 41.6848, 79.1588

Triad

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



28.8134, 41.6848, 58.7519



50.1158, 41.6848, 73.2834



41.9515, 41.6848, 18.1699

Complementary

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



28.8134, 41.6848, 58.7519



22.8093, 11.8236, 1.0811

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.



48.4361, 41.6848, 22.9170



28.8134, 41.6848, 58.7519



53.4854, 41.6848, 52.2579

Square

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



28.8134, 41.6848, 58.7519



44.0467, 41.6848, 89.0337



52.8387, 41.6848, 34.2213



35.5006, 41.6848, 19.0095

Rectangle

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



28.8134, 41.6848, 58.7519



35.3591, 41.6848, 88.7849



52.8387, 41.6848, 34.2213



44.2104, 41.6848, 19.0986

Sweetspot

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



28.8147, 41.6863, 58.7529



71.7891, 87.2724, 107.6693



19.7588, 39.4879, 6.6754



14.8415, 18.3876, 23.0169



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.



28.8147, 41.6863, 58.7529



52.1725, 75.4651, 106.4242



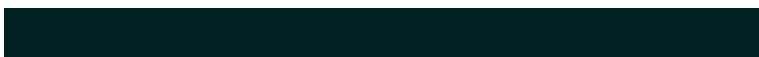
14.0344, 12.1259, 53.8262



10.3504, 11.3920, 12.9382



18.5222, 26.8009, 37.7535



0.8060, 1.1694, 1.6331

Inverse Universe

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



32.2804, 15.5426, 51.1695



58.4635, 28.1494, 92.6276



27.4469, 21.0989, 2.6270



10.4881, 10.2439, 12.6611



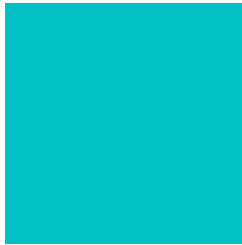
20.7451, 9.9878, 32.8995



0.8992, 0.4327, 1.4366

Previews

White Background



This preview shows how the XYZ color 28.8134, 41.6848, 58.7519 looks on a white background.

Color Contrast Check

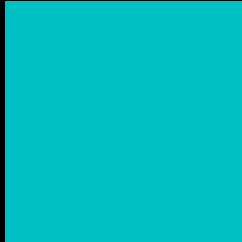
Large Text (above 18pt) WCAG AA × Fail

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 28.8134, 41.6848, 58.7519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

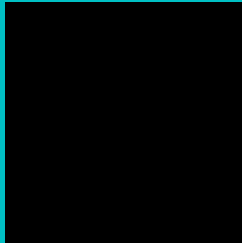
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

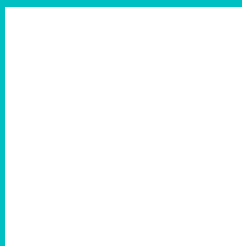
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.8134, 41.6848, 58.7519

Background



This preview shows how black text looks on a background with the XYZ color 28.8134, 41.6848, 58.7519.

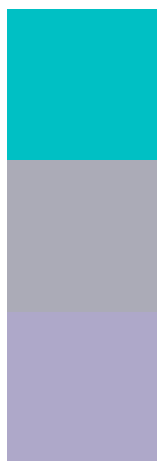


This preview shows how white text looks on a background with the XYZ color 28.8134, 41.6848,

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

28.8134, 41.6848, 58.7519

Protanopia

39.9047, 41.2026, 50.6494

Deuteranopia

42.0008, 41.2210, 61.0011



Tritanopia

30.1191, 41.5744, 64.8297

Trichromacy



Original Color

28.8134, 41.6848, 58.7519



Protanomaly

31.5039, 39.1222, 53.4679



Deuteranomaly

32.5865, 38.9473, 59.8329



Tritanomaly

29.5800, 41.6746, 62.3621

Monochromacy



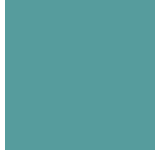
Original Color

28.8134, 41.6848, 58.7519



Achromatopsia

23.0288, 24.2281, 26.3844



Achromatomaly

21.8120, 28.1897, 36.1898

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.8134, 41.6848, 58.7519 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, 192, 196)` looks like.

```
.text, #text, p{  
    color:rgb(0, 192, 196)  
}
```

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, 192, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 192, 196) }
```

Border

The CSS property to change the border of an element to XYZ 28.8134, 41.6848, 58.7519 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, 192, 196) }
```


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

```
.border{ border-color:rgb(0, 192, 196) }
```

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

Here you see how a box with a 4 pixel rgb(0, 192, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 192, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 192, 196);  
box-shadow:4px 4px 4px 4px rgb(0, 192,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 28.8134, 41.6848, 58.7519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 192, 196) }
```

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

```
.background{ background-color: rgb(0, 192,  
196) }
```

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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