

Converting Colors

XYZ(30.3748, 47.0814, 52.2622)

Have a look what the booklet for
XYZ(30.3748, 47.0814, 52.2622)
contains.

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Color

**XYZ(30.3786, 47.0815,
52.2863)**

Conversions

Conversions Part 1

Format	Color
Hex	00CDB7
RGB	0, 205, 183
RGB Percent	0%, 80%, 72%
CMY	0.9998, 0.1961, 0.2823
CMYK	1.00, 0.00, 0.11, 0.20
HSL	174°, 100%, 40%
HSV	174°, 100%, 80%
XYZ	30.3786, 47.0815, 52.2863
YIQ	141.1970, -115.1180, -50.3020

Conversions

Conversions Part 2

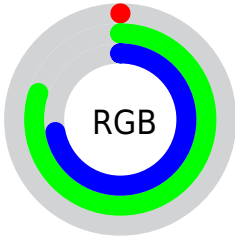
Format	Color
RYB	0, 108, 205
Decimal	52663
CIELab	74.24, -47.12, -1.03
CIELCh	74, 47.126, 181.250
Yxy	47.0815, 0.2341, 0.3629
Android (android.graphics.Color)	4278242743 (0xFF00CDB7)
YUV	141.1970, 20.6089, -123.8298
Hunter-Lab	68.6160, -41.0500, 2.8514

Details

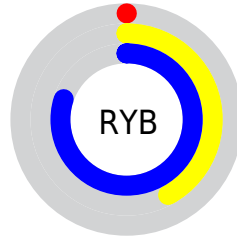
The XYZ color **30.3786, 47.0815, 52.2863** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **25.3233, 13.0386, 1.9432**, and the grayscale version is **25.3541, 26.6745, 29.0485**.

A 20% lighter version of the original color is **57.0489, 80.6951, 94.2303**, and **14.9356, 23.4244, 24.8533** is the 20% darker color. If you saturate the color by 10%, you get **30.3790, 47.0828, 52.2850**, and if you desaturate by 10%, it is **30.9100, 47.3299, 53.5174**.

Distribution



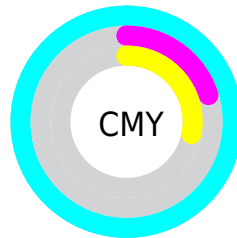
- Red (0%)
- Green (80%)
- Blue (72%)



- Red (0%)
- Yellow (42%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (11%)
- Black (20%)





- Cyan (100%)
- Magenta (20%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.3786, 47.0815, 52.2863 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 30.3786, 47.0815, 52.2863 by changing the saturation by 10% instead.


 30.3786, 47.0815,
52.2863


 30.3786, 47.0815,
52.2863


295.5435,
375.1398, 412.5293


 20.2756, 33.1001,
36.8495


 59.6429, 85.8353,
94.9842


 12.7050, 22.2031,
24.7961


 79.5350, 111.3764,
123.0824


 7.3013, 14.0062,
15.7076


 103.4208,
141.5396, 156.2382

 3.6992, 8.1250,
9.1654

 131.6657,
176.7092, 194.8700

 1.5334, 4.1750,
4.7509

 164.6351,
217.2696, 239.3965

 0.3484, 1.7720,
2.0457

202.6943,

 0.0000, 0.4696,

263.6052, 290.2362

0.5832

246.2086,
316.1005, 347.8076

■ 0.0000, 0.0000,
0.0000

■ 30.3786, 47.0815,
52.2863

■ 30.3786, 47.0815,
52.2863

■ 30.3790, 47.0828,
52.2850

■ 30.9100, 47.3299,
53.5174

■ 31.7610, 47.7415,
54.7811

■ 33.0410, 48.3738,
56.0839

■ 34.8081, 49.2569,
57.4283

■ 37.1114, 50.4159,
58.8169

■ 39.9938, 51.8731,
60.2516

■ 43.4940, 53.6483,
61.7345

■ 47.6473, 55.7598,
63.2672

■ 52.4863, 58.2243,
64.8514

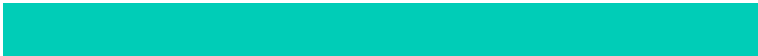
Harmonies

Analogous

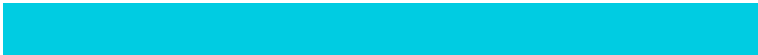
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



31.9507, 47.0815, 31.9639



30.3786, 47.0815, 52.2863



32.2349, 47.0815, 79.4246

Triad

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



30.3786, 47.0815, 52.2863



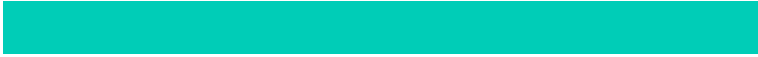
53.7287, 47.0815, 102.2892



53.0377, 47.0815, 20.3095

Complementary

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



30.3786, 47.0815, 52.2863



25.3233, 13.0386, 1.9432

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.



60.1447, 47.0815, 30.6969



30.3786, 47.0815, 52.2863



60.5777, 47.0815, 77.0920

Square

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



30.3786, 47.0815, 52.2863



45.1052, 47.0815, 113.3600



63.0598, 47.0815, 50.2546



44.3958, 47.0815, 17.3721

Rectangle

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



30.3786, 47.0815, 52.2863



35.3214, 47.0815, 96.8487



63.0598, 47.0815, 50.2546



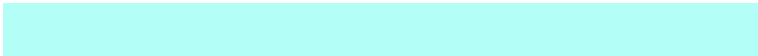
55.7218, 47.0815, 22.8413

Sweetspot

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



30.3800, 47.0833, 52.2874



70.9909, 87.7466, 101.0196



22.2078, 43.8578, 7.2961



14.6476, 18.5036, 21.3986



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.



30.3800, 47.0833, 52.2874



49.7119, 77.1008, 85.3897



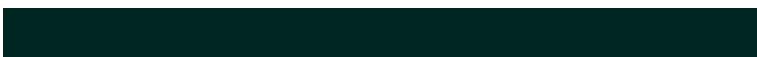
18.5368, 19.4412, 60.5350



11.4894, 12.7055, 14.1344



18.9328, 29.3184, 32.6606



0.9920, 1.5186, 1.7651

Inverse Universe

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



25.3233, 13.0386, 1.9432



41.4422, 21.3409, 2.9946



27.9458, 18.5155, 2.1021



11.2605, 11.2329, 11.9062



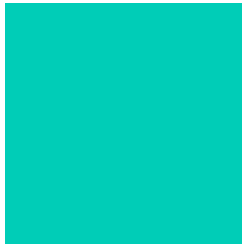
15.7810, 8.1230, 1.2995



0.8311, 0.4258, 0.1563

Previews

White Background



This preview shows how the XYZ color 30.3786, 47.0815, 52.2863 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 30.3786, 47.0815, 52.2863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

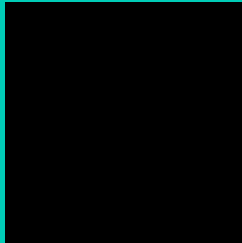
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

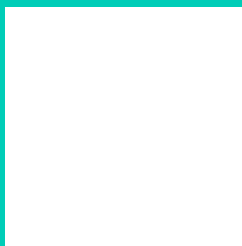
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.3786, 47.0815, 52.2863

Background



This preview shows how black text looks on a background with the XYZ color 30.3786, 47.0815, 52.2863.

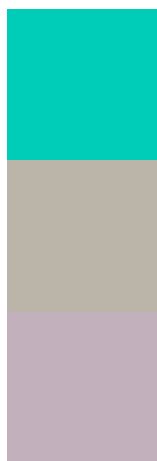


This preview shows how white text looks on a background with the XYZ color 30.3786, 47.0815,

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

30.3786, 47.0815, 52.2863

Protanopia

43.9762, 46.0719, 44.1111

Deuteranopia

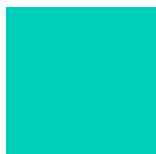
47.2163, 46.3269, 54.5975



Tritanopia

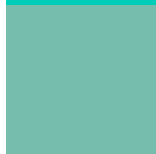
34.5171, 47.0233, 72.2229

Trichromacy



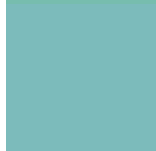
Original Color

30.3786, 47.0815, 52.2863



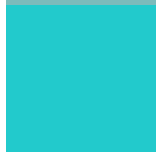
Protanomaly

33.4453, 43.3731, 46.6535



Deuteranomaly

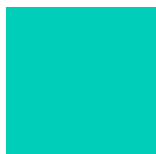
35.0521, 43.4136, 53.5459



Tritanomaly

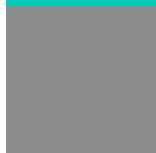
32.6793, 46.9408, 64.4648

Monochromacy



Original Color

30.3786, 47.0815, 52.2863



Achromatopsia

25.3171, 26.6356, 29.0061



Achromatomaly

23.4927, 31.1249, 36.2220

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3786, 47.0815, 52.2863 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, 205, 183)` looks like.

```
.text, #text, p{  
    color:rgb(0, 205, 183)  
}
```

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, 205, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 205, 183) }
```

Border

The CSS property to change the border of an element to XYZ 30.3786, 47.0815, 52.2863 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, 205, 183) }
```


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

```
.border{ border-color:rgb(0, 205, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 205, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 205, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 205, 183);  
box-shadow:4px 4px 4px 4px rgb(0, 205,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3786, 47.0815, 52.2863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 205, 183) }
```

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

```
.background{ background-color: rgb(0, 205,  
183) }
```

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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