

Converting Colors

XYZ(22.0598, 43.3447, 50.2806)

Have a look what the booklet for
XYZ(22.0598, 43.3447, 50.2806)
contains.

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Color

**XYZ(30.3095, 47.4379,
50.7390)**

Conversions

Conversions Part 1

Format	Color
Hex	00CEB4
RGB	0, 206, 180
RGB Percent	0%, 81%, 71%
CMY	0.9999, 0.1921, 0.2941
CMYK	1.00, 0.00, 0.13, 0.19
HSL	172°, 100%, 40%
HSV	172°, 100%, 81%
XYZ	30.3095, 47.4379, 50.7390
YIQ	141.4420, -114.4300, -51.7580

Conversions

Conversions Part 2

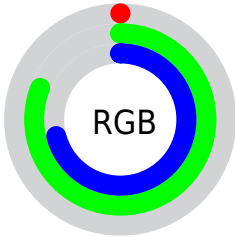
Format	Color
RYB	0, 110, 206
Decimal	52916
CIELab	74.47, -48.35, 0.92
CIELCh	74, 48.362, 178.905
Yxy	47.4379, 0.2359, 0.3692
Android (android.graphics.Color)	4278242996 (0xFF00CEB4)
YUV	141.4420, 19.0091, -124.0446
Hunter-Lab	68.8752, -41.9801, 4.5348

Details

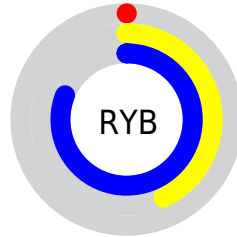
The XYZ color **30.3095, 47.4379, 50.7390** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **25.6417, 13.1977, 2.1752**, and the grayscale version is **25.4551, 26.7808, 29.1642**.

A 20% lighter version of the original color is **56.6092, 80.5192, 91.9150**, and **14.8974, 23.6655, 23.8614** is the 20% darker color. If you saturate the color by 10%, you get **30.3101, 47.4393, 50.7380**, and if you desaturate by 10%, it is **30.8795, 47.7019, 52.1628**.

Distribution



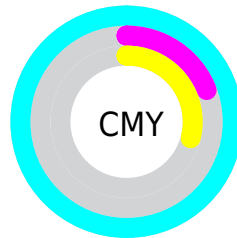
- Red (0%)
- Green (81%)
- Blue (71%)



- Red (0%)
- Yellow (43%)
- Blue (81%)



- Cyan (100%)
- Magenta (0%)
- Yellow (13%)
- Black (19%)





- Cyan (100%)
- Magenta (19%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.3095, 47.4379, 50.7390 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 30.3095, 47.4379, 50.7390 by changing the saturation by 10% instead.

 30.3095, 47.4379,
50.7390


 30.3095, 47.4379,
50.7390


295.2285,
376.5597, 406.3665


 20.2229, 33.3820,
35.6257


 59.5346, 86.3669,
92.6764


 12.6664, 22.4192,
23.8578


 79.4037, 112.0088,
120.3375


 7.2746, 14.1653,
15.0170


 103.2644,
142.2814, 153.0183

 3.6823, 8.2357,
8.6845

 131.4820,
177.5692, 191.1374

 1.5240, 4.2461,
4.4420

 164.4218,
218.2565, 235.1132

 0.3421, 1.8122,
1.8708

202.4493,

 0.0000, 0.4947,

264.7278, 285.3642

0.4741

245.9297,
317.3674, 342.3092

■ 0.0000, 0.0000,
0.0000

■ 30.3095, 47.4379,
50.7390

■ 30.3095, 47.4379,
50.7390

■ 30.3101, 47.4393,
50.7380

■ 30.8795, 47.7019,
52.1628

■ 31.7742, 48.1317,
53.6269

■ 33.1041, 48.7852,
55.1376

■ 34.9280, 49.6929,
56.6977

■ 37.2955, 50.8801,
58.3098

■ 40.2503, 52.3695,
59.9760

■ 43.8313, 54.1812,
61.6983

■ 48.0745, 56.3336,
63.4785

■ 53.0127, 58.8438,
65.3182

Harmonies

Analogous

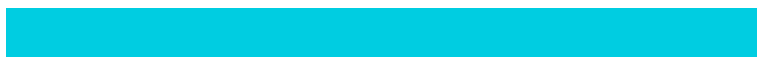
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



32.1947, 47.4379, 30.6000



30.3095, 47.4379, 50.7390



31.9392, 47.4379, 78.5285

Triad

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



30.3095, 47.4379, 50.7390



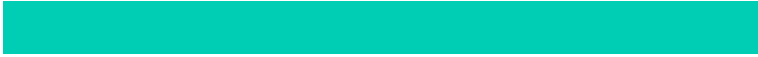
53.6927, 47.4379, 106.1597



54.3191, 47.4379, 20.4672

Complementary

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



30.3095, 47.4379, 50.7390



25.6417, 13.1977, 2.1752

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.



61.4263, 47.4379, 31.7357



30.3095, 47.4379, 50.7390



61.0331, 47.4379, 80.6502

Square

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



30.3095, 47.4379, 50.7390



44.7684, 47.4379, 116.1168



64.0267, 47.4379, 52.5755



45.4097, 47.4379, 16.9684

Rectangle

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



30.3095, 47.4379, 50.7390



34.9359, 47.4379, 96.9781



64.0267, 47.4379, 52.5755



57.0385, 47.4379, 23.2460

Sweetspot

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



30.3109, 47.4397, 50.7401



70.7689, 87.6578, 99.8505



22.5374, 44.3840, 7.3800



14.5937, 18.4820, 21.1151



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.



30.3109, 47.4397, 50.7401



49.0536, 76.8374, 81.9229



19.1880, 20.5499, 61.3498



11.4799, 12.7017, 14.0848



18.6882, 29.2206, 31.3729



0.9816, 1.5144, 1.7106

Inverse Universe

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



25.6417, 13.1977, 2.1752



41.5033, 21.3653, 3.3166



28.0085, 18.2301, 2.0434



11.2690, 11.2363, 11.9512



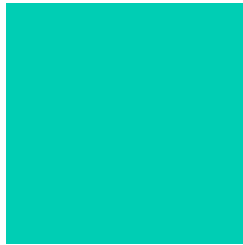
15.8082, 8.1339, 1.4426



0.8350, 0.4274, 0.1771

Previews

White Background



This preview shows how the XYZ color 30.3095, 47.4379, 50.7390 looks on a white background.

Color Contrast Check

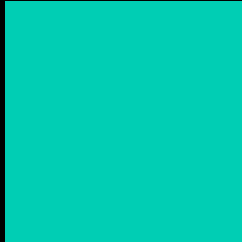
Large Text (above 18pt) WCAG AA × Fail

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 30.3095, 47.4379, 50.7390 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

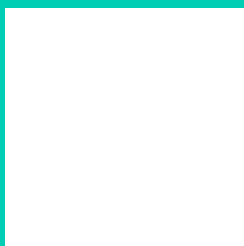
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.3095, 47.4379, 50.7390

Background



This preview shows how black text looks on a background with the XYZ color 30.3095, 47.4379, 50.7390.

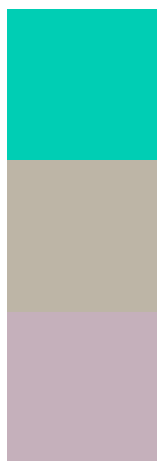


This preview shows how white text looks on a background with the XYZ color 30.3095, 47.4379,

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

30.3095, 47.4379, 50.7390

Protanopia

44.3931, 46.6197, 42.7351

Deuteranopia

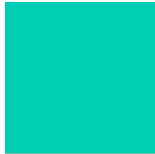
47.5209, 46.5088, 53.4862



Tritanopia

34.9866, 47.5953, 72.9885

Trichromacy



Original Color

30.3095, 47.4379, 50.7390



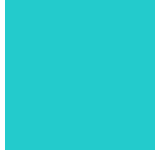
Protanomaly

33.5099, 43.7603, 45.2085



Deuteranomaly

34.8795, 43.3613, 51.8786



Tritanomaly

32.9482, 47.4288, 64.5449

Monochromacy



Original Color

30.3095, 47.4379, 50.7390



Achromatopsia

25.3171, 26.6356, 29.0061



Achromatomaly

23.5880, 31.4505, 35.8377

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3095, 47.4379, 50.7390 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, 206, 180)` looks like.

```
.text, #text, p{  
    color:rgb(0, 206, 180)  
}
```

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, 206, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 206, 180) }
```

Border

The CSS property to change the border of an element to XYZ 30.3095, 47.4379, 50.7390 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, 206, 180) }
```


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

```
.border{ border-color:rgb(0, 206, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 206, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 206, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 206, 180);  
box-shadow:4px 4px 4px 4px rgb(0, 206,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3095, 47.4379, 50.7390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 206, 180) }
```

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

```
.background{ background-color: rgb(0, 206,  
180) }
```

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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