

Converting Colors

XYZ(32.1494, 47.3395, 54.0356)

Have a look what the booklet for
XYZ(32.1494, 47.3395, 54.0356)
contains.

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Color

**XYZ(32.0823, 47.2177,
53.8774)**

Conversions

Conversions Part 1

Format	Color
Hex	3CCBBA
RGB	60, 203, 186
RGB Percent	24%, 80%, 73%
CMY	0.7647, 0.2039, 0.2706
CMYK	0.70, 0.00, 0.08, 0.20
HSL	173°, 58%, 52%
HSV	173°, 70%, 80%
XYZ	32.0823, 47.2177, 53.8774
YIQ	158.3050, -79.7710, -35.6030

Conversions

Conversions Part 2

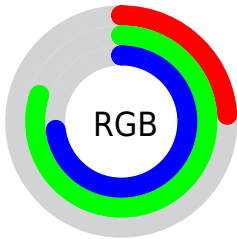
Format	Color
RYB	60, 136, 203
Decimal	3984314
CIELab	74.33, -41.21, -2.45
CIELCh	74, 41.288, 183.403
Yxy	47.2177, 0.2409, 0.3545
Android (android.graphics.Color)	4282174394 (0xFF3CCBBA)
YUV	158.3050, 13.6536, -86.2135
Hunter-Lab	68.7151, -36.9119, 1.6132

Details

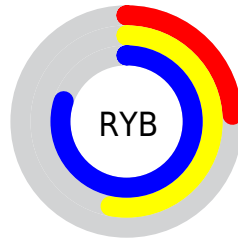
The XYZ color **32.0823, 47.2177, 53.8774** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted spring green. A complement of this color would be **27.5855, 16.4653, 8.7469**, and the grayscale version is **32.6052, 34.3032, 37.3562**.

A 20% lighter version of the original color is **60.5394, 82.4428, 96.7267**, and **14.8235, 22.8733, 25.8240** is the 20% darker color. If you saturate the color by 10%, you get **30.8290, 46.6021, 52.4915**, and if you desaturate by 10%, it is **33.8129, 48.0810, 55.3104**.

Distribution



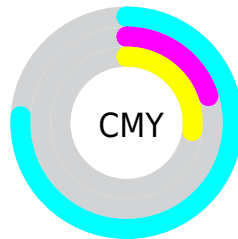
- Red (24%)
- Green (80%)
- Blue (73%)



- Red (24%)
- Yellow (53%)
- Blue (80%)



- Cyan (70%)
- Magenta (0%)
- Yellow (8%)
- Black (20%)





- Cyan (76%)
- Magenta (20%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.0823, 47.2177, 53.8774 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 32.0823, 47.2177, 53.8774 by changing the saturation by 10% instead.


 32.0823, 47.2177,
53.8774


 32.0823, 47.2177,
53.8774


303.2326,
375.6828, 418.8037


 21.5802, 33.2078,
38.1111


 62.3044, 86.0385,
97.3488


 13.6637, 22.2857,
25.7665


 82.7552, 111.6182,
125.8910

 7.9672, 14.0670,
16.4248


 107.2528,
141.8232, 159.5290

 4.1256, 8.1673,
9.6677

 136.1628,
177.0380, 198.6812

 1.7734, 4.2022,
5.0765

 169.8504,
217.6470, 243.7663

 0.5016, 1.7873,
2.2327

208.6810,

 0.0000, 0.4792,

264.0345, 295.2027

0.6931

253.0199,
316.5850, 353.4090

■ 0.0000, 0.0000,
0.0000

■ 32.0823, 47.2177,
53.8774

■ 32.0823, 47.2177,
53.8774

■ 30.8290, 46.6021,
52.4915

■ 33.8129, 48.0810,
55.3104

■ 29.9916, 46.1993,
51.1465

■ 36.0648, 49.2115,
56.7894

■ 29.4799, 45.9627,
49.8953

■ 38.8816, 50.6328,
58.3178

■ 42.3013, 52.3642,
59.8973

■ 46.3584, 54.4238,
61.5297

■ 51.0848, 56.8280,
63.2166

■ 56.5105, 59.5920,
64.9595

■ 62.6634, 62.7305,
66.7598

■ 69.5699, 66.2570,
68.6189

Harmonies

Analogous

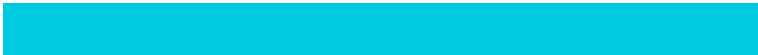
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



33.2848, 47.2177, 35.1922



32.0823, 47.2177, 53.8774



33.9840, 47.2177, 77.3676

Triad

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



32.0823, 47.2177, 53.8774



53.2068, 47.2177, 93.6592



51.5795, 47.2177, 22.8322

Complementary

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



32.0823, 47.2177, 53.8774



27.5855, 16.4653, 8.7469

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.



57.8843, 47.2177, 32.0272



32.0823, 47.2177, 53.8774



58.8942, 47.2177, 71.9776

Square

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



32.0823, 47.2177, 53.8774



45.7318, 47.2177, 103.9839



60.6931, 47.2177, 49.0231



44.0369, 47.2177, 20.4439

Rectangle

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



32.0823, 47.2177, 53.8774



36.8939, 47.2177, 91.7226



60.6931, 47.2177, 49.0231



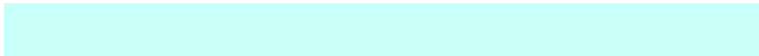
53.9404, 47.2177, 25.0757

Sweetspot

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



32.0837, 47.2195, 53.8785



77.0103, 90.8166, 102.7933



25.4030, 44.7051, 11.5659



16.0584, 19.2226, 21.8368



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.



32.0837, 47.2195, 53.8785



50.7435, 77.6068, 86.6019



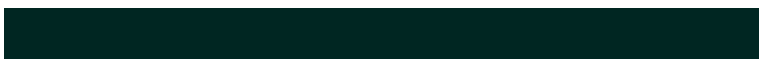
23.6415, 27.2682, 60.5192



11.4836, 12.7032, 14.1040



18.7825, 29.2583, 31.8691



0.9856, 1.5160, 1.7316

Inverse Universe

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



27.5855, 16.4653, 8.7469



42.8671, 23.0327, 7.0400



31.2880, 24.7087, 7.3961



11.2657, 11.2350, 11.9337



15.7972, 8.1295, 1.3848



0.8335, 0.4268, 0.1690

Previews

White Background



This preview shows how the XYZ color 32.0823, 47.2177, 53.8774 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 32.0823, 47.2177, 53.8774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

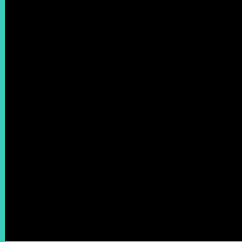
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

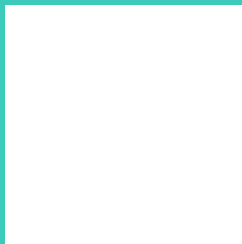
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.0823, 47.2177, 53.8774

Background



This preview shows how black text looks on a background with the XYZ color 32.0823, 47.2177, 53.8774.

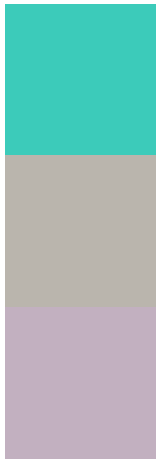


This preview shows how white text looks on a background with the XYZ color 32.0823, 47.2177,

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

32.0823, 47.2177, 53.8774

Protanopia

44.3164, 46.5040, 46.1756

Deuteranopia

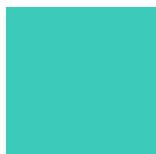
47.2879, 46.3258, 56.3186



Tritanopia

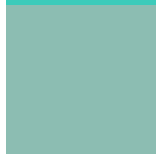
35.6697, 47.2896, 71.5378

Trichromacy



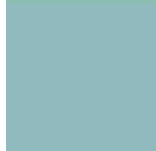
Original Color

32.0823, 47.2177, 53.8774



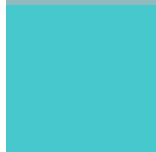
Protanomaly

37.0487, 45.1850, 48.8884



Deuteranomaly

38.5302, 44.8553, 55.3424



Tritanomaly

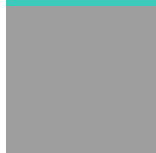
34.0791, 46.9703, 64.3968

Monochromacy



Original Color

32.0823, 47.2177, 53.8774



Achromatopsia

32.4990, 34.1914, 37.2345



Achromatomaly

30.2300, 37.2368, 42.6399

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0823, 47.2177, 53.8774 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(60, 203, 186)` looks like.

```
.text, #text, p{  
    color:rgb(60, 203, 186)  
}
```

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(60, 203, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 203, 186) }
```

Border

The CSS property to change the border of an element to XYZ 32.0823, 47.2177, 53.8774 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(60, 203, 186) }
```


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

```
.border{ border-color:rgb(60, 203, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 203, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 203, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 203, 186);  
box-shadow:4px 4px 4px 4px rgb(60, 203,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0823, 47.2177, 53.8774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 203, 186) }
```

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

```
.background{ background-color: rgb(60, 203,  
186) }
```

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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