

Converting Colors

XYZ(32.8186, 47.6694, 50.6514)

Have a look what the booklet for
XYZ(32.8186, 47.6694, 50.6514)
contains.

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Color

**XYZ(32.8186, 47.6694,
50.6514)**

Conversions

Conversions Part 1

Format	Color
Hex	4FCBB4
RGB	79, 203, 180
RGB Percent	31%, 80%, 71%
CMY	0.6902, 0.2039, 0.2941
CMYK	0.61, 0.00, 0.11, 0.20
HSL	169°, 54%, 55%
HSV	169°, 61%, 80%
XYZ	32.8186, 47.6694, 50.6514
YIQ	163.3020, -66.5210, -33.4410

Conversions

Conversions Part 2

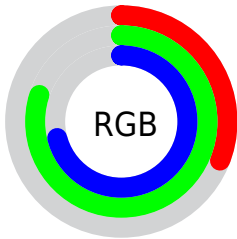
Format	Color
RYB	79, 147, 203
Decimal	5229492
CIELab	74.62, -39.81, 1.27
CIElCh	75, 39.830, 178.177
Yxy	47.6694, 0.2503, 0.3635
Android (android.graphics.Color)	4283419572 (0xFF4FCBB4)
YUV	163.3020, 8.2321, -73.9329
Hunter-Lab	69.0430, -35.9779, 4.8337

Details

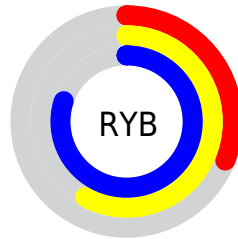
The XYZ color **32.8186, 47.6694, 50.6514** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **29.8245, 19.2491, 14.7157**, and the grayscale version is **34.9416, 36.7613, 40.0330**.

A 20% lighter version of the original color is **61.7155, 83.1516, 92.1540**, and **14.4207, 22.7121, 23.7025** is the 20% darker color. If you saturate the color by 10%, you get **31.0027, 46.7782, 48.5918**, and if you desaturate by 10%, it is **35.1631, 48.8342, 52.7923**.

Distribution



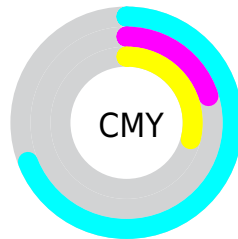
- Red (31%)
- Green (80%)
- Blue (71%)



- Red (31%)
- Yellow (58%)
- Blue (80%)



- Cyan (61%)
- Magenta (0%)
- Yellow (11%)
- Black (20%)



- Cyan (69%)
- Magenta (20%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.8186, 47.6694, 50.6514 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 32.8186, 47.6694, 50.6514 by changing the saturation by 10% instead.

■ 32.8186, 47.6694,
50.6514

■ 32.8186, 47.6694,
50.6514

306.5110,
377.4802, 406.0157

■ 22.1461, 33.5652,
35.5565

■ 63.4488, 86.7120,
92.5455

■ 14.0815, 22.5597,
23.8049

■ 84.1372, 112.4191,
120.1817

■ 8.2594, 14.2688,
14.9781

■ 108.8949,
142.7626, 152.8355

■ 4.3146, 8.3078,
8.6575

■ 138.0873,
178.1269, 190.9252

■ 1.8816, 4.2925,
4.4247

172.0798,
218.8965, 234.8696

■ 0.5661, 1.8385,
1.8611

211.2376,

■ 0.0000, 0.5110,

265.4556, 285.0871

0.4678

255.9263,
318.1887, 341.9963

■ 0.0000, 0.0000,
0.0000

■ 32.8186, 47.6694,
50.6514

■ 32.8186, 47.6694,
50.6514

■ 31.0027, 46.7782,
48.5918

■ 35.1631, 48.8342,
52.7923

■ 29.6627, 46.1299,
46.6074

■ 38.0747, 50.2891,
55.0134

■ 28.7418, 45.6965,
44.6962

■ 41.5930, 52.0555,
57.3183

■ 28.1798, 45.4427,
43.0487

■ 45.7528, 54.1513,
59.7088

■ 50.5864, 56.5933,
62.1869

■ 56.1236, 59.3968,
64.7544

■ 62.3928, 62.5763,
67.4131

■ 69.4204, 66.1455,
70.1645

■ 74.7207, 68.8230,
72.8927

Harmonies

Analogous

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



34.5220, 47.6694, 33.6599



32.8186, 47.6694, 50.6514



34.1555, 47.6694, 72.9955

Triad

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



32.8186, 47.6694, 50.6514



52.1736, 47.6694, 95.3483



53.0171, 47.6694, 24.9533

Complementary

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



32.8186, 47.6694, 50.6514



29.8245, 19.2491, 14.7157

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.



58.6577, 47.6694, 35.3252



32.8186, 47.6694, 50.6514



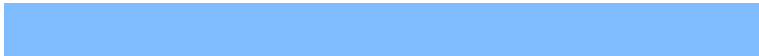
58.1355, 47.6694, 75.7753

Square

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



32.8186, 47.6694, 50.6514



44.8689, 47.6694, 102.5484



60.6221, 47.6694, 53.1768



45.7507, 47.6694, 21.4787

Rectangle

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



32.8186, 47.6694, 50.6514



36.6798, 47.6694, 87.4618



60.6221, 47.6694, 53.1768



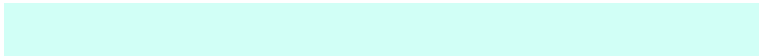
55.1939, 47.6694, 27.5859

Sweetspot

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



32.8200, 47.6713, 50.6525



78.7920, 91.7736, 101.1413



28.4545, 46.2094, 14.8177



16.3803, 19.3988, 21.3899



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.



32.8200, 47.6713, 50.6525



51.1841, 77.9719, 80.3887



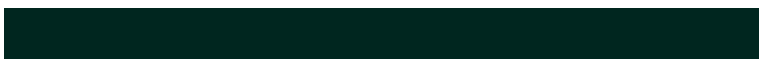
27.6053, 33.1756, 61.4505



11.4505, 12.6900, 13.9299



17.9642, 28.9310, 27.5603



0.9505, 1.5020, 1.5469

Inverse Universe

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



29.8245, 19.2491, 14.7157



45.8263, 26.4848, 15.6292



32.3100, 25.7996, 10.6750



11.2959, 11.2471, 12.0929



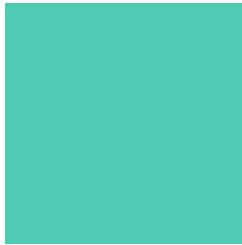
15.9175, 8.1776, 2.0184



0.8475, 0.4324, 0.2425

Previews

White Background



This preview shows how the XYZ color 32.8186, 47.6694, 50.6514 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 32.8186, 47.6694, 50.6514 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

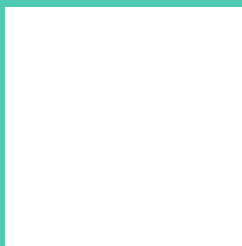
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.8186, 47.6694, 50.6514

Background



This preview shows how black text looks on a background with the XYZ color 32.8186, 47.6694, 50.6514.

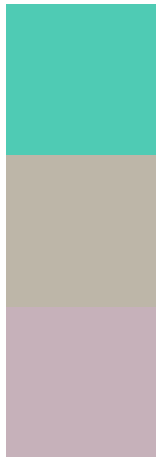


This preview shows how white text looks on a background with the XYZ color 32.8186, 47.6694,

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

32.8186, 47.6694, 50.6514

Protanopia

44.7821, 47.1019, 43.7771

Deuteranopia

47.8738, 46.9952, 53.0021



Tritanopia

36.8459, 47.5704, 70.8583

Trichromacy



Original Color

32.8186, 47.6694, 50.6514



Protanomaly

38.2543, 46.1950, 45.9300



Deuteranomaly

39.7282, 45.5471, 52.0450



Tritanomaly

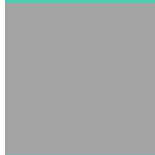
35.3394, 47.6475, 63.2114

Monochromacy



Original Color

32.8186, 47.6694, 50.6514



Achromatopsia

34.8123, 36.6253, 39.8849



Achromatomaly

32.5975, 39.6109, 43.4637

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.8186, 47.6694, 50.6514 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(79, 203, 180)` looks like.

```
.text, #text, p{  
    color:rgb(79, 203, 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(79, 203, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 203, 180) }
```

Border

The CSS property to change the border of an element to XYZ 32.8186, 47.6694, 50.6514 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(79, 203, 180) }
```


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

```
.border{ border-color:rgb(79, 203, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 203, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 203, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 203, 180);  
box-shadow:4px 4px 4px 4px rgb(79, 203,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 32.8186, 47.6694, 50.6514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 203, 180) }
```

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

```
.background{ background-color: rgb(79, 203,  
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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