

Converting Colors

XYZ(32.4344, 43.8302, 55.5124)

Have a look what the booklet for
XYZ(32.4344, 43.8302, 55.5124)
contains.

XYZ(32.4841, 43.9815, 55.4924)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(32.4841, 43.9815,
55.4924)**

Conversions

Conversions Part 1

Format	Color
Hex	59C1BE
RGB	89, 193, 190
RGB Percent	35%, 76%, 75%
CMY	0.6510, 0.2431, 0.2549
CMYK	0.54, 0.00, 0.02, 0.24
HSL	178°, 46%, 55%
HSV	178°, 54%, 76%
XYZ	32.4841, 43.9815, 55.4924
YIQ	161.5620, -61.0210, -22.9810

Conversions

Conversions Part 2

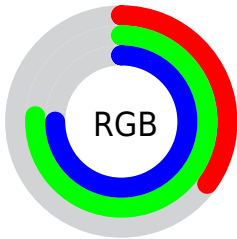
Format	Color
RYB	89, 142, 193
Decimal	5882302
CIELab	72.22, -30.66, -7.66
CIELCh	72, 31.603, 194.024
Yxy	43.9815, 0.2462, 0.3333
Android (android.graphics.Color)	4284072382 (0xFF59C1BE)
YUV	161.5620, 14.0199, -63.6369
Hunter-Lab	66.3185, -28.6247, -3.1882

Details

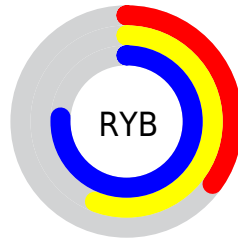
The XYZ color **32.4841, 43.9815, 55.4924** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted spring green. A complement of this color would be **27.4980, 19.2563, 12.3944**, and the grayscale version is **34.0962, 35.8719, 39.0645**.

A 20% lighter version of the original color is **62.8528, 81.2281, 99.5547**, and **13.9140, 20.3569, 26.8629** is the 20% darker color. If you saturate the color by 10%, you get **30.8088, 43.1259, 55.0977**, and if you desaturate by 10%, it is **34.6477, 45.0908, 55.9131**.

Distribution



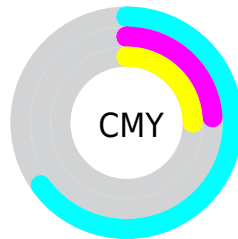
- Red (35%)
- Green (76%)
- Blue (75%)



- Red (35%)
- Yellow (56%)
- Blue (76%)



- Cyan (54%)
- Magenta (0%)
- Yellow (2%)
- Black (24%)



- Cyan (65%)
- Magenta (24%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.4841, 43.9815, 55.4924 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 32.4841, 43.9815, 55.4924 by changing the saturation by 10% instead.

■ 32.4841, 43.9815,
55.4924

■ 32.4841, 43.9815,
55.4924

305.0249,
362.6328, 425.1102

■ 21.8889, 30.6560,
39.3948

■ 62.9293, 81.1899,
99.7404

■ 13.8914, 20.3370,
26.7568

■ 83.5100, 105.8416,
128.7279

■ 8.1264, 12.6403,
17.1599

■ 108.1499,
135.0374, 162.8491

■ 4.2284, 7.1813,
10.1854

■ 137.2144,
169.1618, 202.5227

■ 1.8321, 3.5757,
5.4148

171.0687,
208.5991, 248.1670

■ 0.5369, 1.4392,
2.4297

210.0784,

■ 0.0000, 0.2453,

253.7338, 300.2006

0.8025

254.6086,
304.9502, 359.0422

■ 0.0000, 0.0000,
0.0000

■ 32.4841, 43.9815,
55.4924

■ 32.4841, 43.9815,
55.4924

■ 30.8088, 43.1259,
55.0977

■ 34.6477, 45.0908,
55.9131

■ 29.5792, 42.4990,
54.7241

■ 37.3303, 46.4667,
56.3584

■ 28.7516, 42.0793,
54.3705

■ 40.5647, 48.1270,
56.8306

■ 28.2722, 41.8391,
54.0345

■ 44.3798, 50.0866,
57.3313

■ 28.0867, 41.7477,
53.8345

■ 48.8026, 52.3595,
57.8617

■ 53.8584, 54.9587,
58.4229

■ 59.5709, 57.8964,
59.0160

■ 65.9629, 61.1843,
59.6422

■ 70.1627, 63.3421,
60.1670

Harmonies

Analogous

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



32.5619, 43.9815, 40.1331



32.4841, 43.9815, 55.4924



34.7473, 43.9815, 71.7735

Triad

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



32.4841, 43.9815, 55.4924



49.4732, 43.9815, 72.7196



44.7381, 43.9815, 24.5411

Complementary

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



32.4841, 43.9815, 55.4924



27.4980, 19.2563, 12.3944

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.



49.7547, 43.9815, 29.9945



32.4841, 43.9815, 55.4924



52.6457, 43.9815, 56.5834

Square

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



32.4841, 43.9815, 55.4924



44.3801, 43.9815, 83.0805



52.7530, 43.9815, 41.0128



39.3278, 43.9815, 24.3729

Rectangle

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



32.4841, 43.9815, 55.4924



37.4019, 43.9815, 80.0486



52.7530, 43.9815, 41.0128



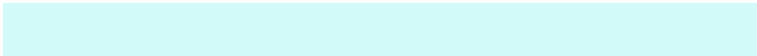
46.5366, 43.9815, 25.7534

Sweetspot

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



32.4854, 43.9832, 55.4934



77.7682, 88.8221, 102.4604



25.3350, 41.1624, 16.0622



16.3725, 18.8953, 21.9409



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



32.4854, 43.9832, 55.4934



54.6423, 76.9633, 98.5310



23.7910, 26.0639, 54.2308



10.3556, 11.4233, 12.8758



18.6856, 27.7683, 35.8333



0.8114, 1.2014, 1.5694

Inverse Universe

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



27.4980, 19.2563, 12.3944



44.7730, 27.9728, 13.1999



32.8188, 30.1038, 13.5332



10.0847, 10.0825, 10.5367



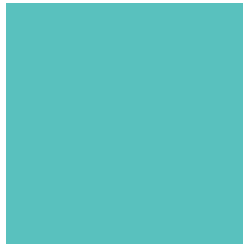
14.6529, 7.5509, 0.8183



0.6373, 0.3279, 0.0572

Previews

White Background



This preview shows how the XYZ color 32.4841, 43.9815, 55.4924 looks on a white background.

Color Contrast Check

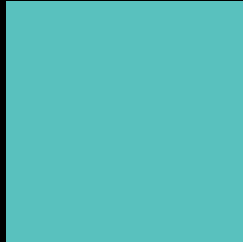
Large Text (above 18pt) WCAG AA × Fail

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 32.4841, 43.9815, 55.4924 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

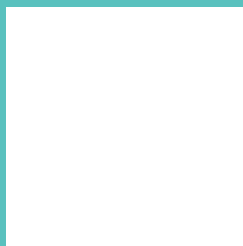
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.4841, 43.9815, 55.4924

Background



This preview shows how black text looks on a background with the XYZ color 32.4841, 43.9815, 55.4924.

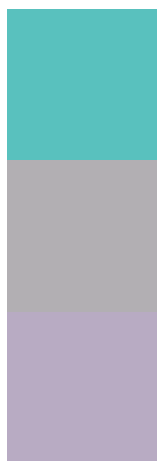


This preview shows how white text looks on a background with the XYZ color 32.4841, 43.9815,

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

32.4841, 43.9815, 55.4924

Protanopia

41.8268, 43.3796, 48.8164

Deuteranopia

44.1804, 43.2563, 57.6505



Tritanopia

34.4907, 44.1507, 65.0966

Trichromacy



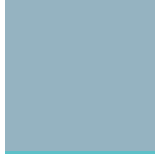
Original Color

32.4841, 43.9815, 55.4924



Protanomaly

37.1293, 42.9858, 51.1399



Deuteranomaly

38.1402, 42.4800, 56.6413



Tritanomaly

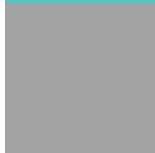
33.7892, 44.1966, 61.3935

Monochromacy



Original Color

32.4841, 43.9815, 55.4924



Achromatopsia

34.3422, 36.1307, 39.3463



Achromatomaly

32.3816, 38.0166, 44.6610

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4841, 43.9815, 55.4924 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(89, 193, 190)` looks like.

```
.text, #text, p{  
    color:rgb(89, 193, 190)  
}
```

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(89, 193, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 193, 190) }
```

Border

The CSS property to change the border of an element to XYZ 32.4841, 43.9815, 55.4924 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(89, 193, 190) }
```


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

```
.border{ border-color:rgb(89, 193, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 193, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 193, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 193, 190);  
box-shadow:4px 4px 4px 4px rgb(89, 193,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4841, 43.9815, 55.4924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 193, 190) }
```

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

```
.background{ background-color: rgb(89, 193,  
190) }
```

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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