

Converting Colors

XYZ(32.8949, 39.3904, 44.5776)

Have a look what the booklet for
XYZ(32.8949, 39.3904, 44.5776)
contains.

XYZ(32.9043, 39.4529, 44.4090)	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(32.9043, 39.4529,
44.4090)**

Conversions

Conversions Part 1

Format	Color
Hex	86B1AB
RGB	134, 177, 171
RGB Percent	53%, 69%, 67%
CMY	0.4745, 0.3059, 0.3294
CMYK	0.24, 0.00, 0.03, 0.31
HSL	172°, 22%, 61%
HSV	172°, 24%, 69%
XYZ	32.9043, 39.4529, 44.4090
YIQ	163.4590, -23.7020, -10.9820

Conversions

Conversions Part 2

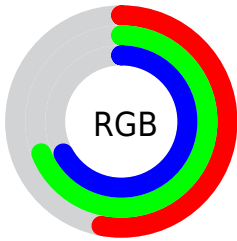
Format	Color
RYB	134, 157, 177
Decimal	8827307
CIELab	69.08, -15.63, -1.63
CIElCh	69, 15.719, 185.966
Yxy	39.4529, 0.2818, 0.3379
Android (android.graphics.Color)	4287017387 (0xFF86B1AB)
YUV	163.4590, 3.7177, -25.8355
Hunter-Lab	62.8115, -16.4116, 2.0489

Details

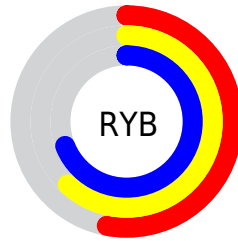
The XYZ color **32.9043, 39.4529, 44.4090** is a light color, and the websafe version is hex **669999**. A complement of this color would be **31.3915, 28.2917, 28.6188**, and the grayscale version is **35.0216, 36.8455, 40.1247**.

A 20% lighter version of the original color is **63.6054, 74.4602, 82.9714**, and **14.1047, 17.5862, 20.1038** is the 20% darker color. If you saturate the color by 10%, you get **30.0829, 38.0264, 43.0598**, and if you desaturate by 10%, it is **36.2046, 41.1278, 45.8053**.

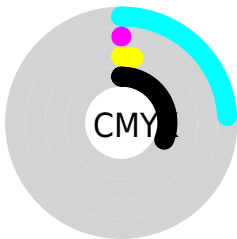
Distribution



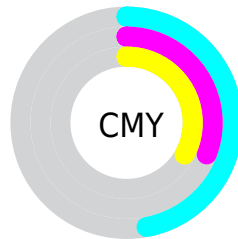
- Red (53%)
- Green (69%)
- Blue (67%)



- Red (53%)
- Yellow (62%)
- Blue (69%)



- Cyan (24%)
- Magenta (0%)
- Yellow (3%)
- Black (31%)



- Cyan (47%)
- Magenta (31%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.9043, 39.4529, 44.4090 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 32.9043, 39.4529, 44.4090 by changing the saturation by 10% instead.

■ 32.9043, 39.4529,
44.4090

■ 32.9043, 39.4529,
44.4090

306.8909,
343.8122, 380.4648

■ 22.2120, 27.1122,
30.6526

■ 63.5818, 74.3297,
83.1419

■ 14.1303, 17.6575,
20.0782

■ 84.2977, 97.6346,
108.9554

■ 8.2936, 10.7044,
12.2673

■ 109.0855,
125.3631, 139.6251

■ 4.3368, 5.8684,
6.8012

138.3106,
157.8994, 175.5695

■ 1.8944, 2.7652,
3.2615

172.3383,
195.6281, 217.2072

■ 0.5736, 1.0104,
1.2297

211.5341,

■ 0.0000, 0.0000,

238.9336, 264.9566

0.0031

256.2631,
288.2001, 319.2362

■ 0.0000, 0.0000,
0.0000

■ 32.9043, 39.4529,
44.4090

■ 32.9043, 39.4529,
44.4090

■ 30.0829, 38.0264,
43.0598

■ 36.2046, 41.1278,
45.8053

■ 27.7134, 36.8313,
41.7537

■ 40.0023, 43.0576,
47.2472

■ 25.7715, 35.8562,
40.4904

■ 44.3190, 45.2545,
48.7365

■ 24.2290, 35.0865,
39.2684

■ 49.1740, 47.7283,
50.2744

■ 23.0547, 34.5060,
38.0861

■ 54.5857, 50.4886,
51.8619

■ 22.2121, 34.0961,
36.9417

■ 60.5716, 53.5444,
53.4997

■ 21.6576, 33.8342,
35.8330

■ 66.0719, 56.3494,
55.1386

■ 21.4147, 33.7225,
35.2138

■ 66.3412, 56.4571,
56.5565

■ 66.6150, 56.5666,
57.9985

Harmonies

Analogous

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



33.2648, 39.4529, 37.5748



32.9043, 39.4529, 44.4090



33.7297, 39.4529, 51.5896

Triad

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



32.9043, 39.4529, 44.4090



40.4028, 39.4529, 55.1326



39.4972, 39.4529, 31.5386

Complementary

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



32.9043, 39.4529, 44.4090



31.3915, 28.2917, 28.6188

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.



41.5387, 39.4529, 35.3464



32.9043, 39.4529, 44.4090



42.0776, 39.4529, 48.8312

Square

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



32.9043, 39.4529, 44.4090



38.0023, 39.4529, 58.2090



42.5022, 39.4529, 41.5380



36.9998, 39.4529, 30.6339

Rectangle

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



32.9043, 39.4529, 44.4090



34.8641, 39.4529, 55.4487



42.5022, 39.4529, 41.5380



40.2630, 39.4529, 32.4990

Sweetspot

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



32.9054, 39.4545, 44.4099



69.6255, 76.0873, 83.8762



30.9176, 38.7818, 28.4109



15.0022, 16.4453, 18.1450



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



32.9054, 39.4545, 44.4099



56.1970, 69.2749, 78.2656



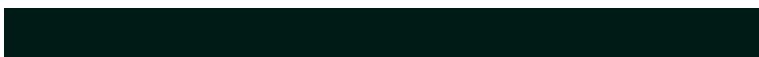
30.6800, 34.0670, 46.5555



8.6906, 9.6107, 10.6304



15.5317, 24.4387, 25.6007



0.5027, 0.7745, 0.8791

Inverse Universe

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



31.3915, 28.2917, 28.6188



53.0293, 45.9028, 45.2134



33.1912, 32.5803, 27.0941



8.5431, 8.5240, 9.0923



13.2756, 6.8278, 1.3451



0.4328, 0.2209, 0.1220

Previews

White Background



This preview shows how the XYZ color 32.9043, 39.4529, 44.4090 looks on a white background.

Color Contrast Check

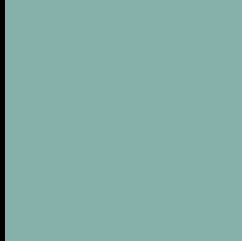
Large Text (above 18pt) WCAG AA × Fail

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 32.9043, 39.4529, 44.4090 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 32.9043, 39.4529, 44.4090

Background



This preview shows how black text looks on a background with the XYZ color 32.9043, 39.4529, 44.4090.

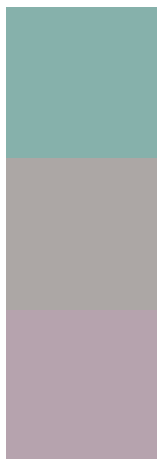


This preview shows how white text looks on a background with the XYZ color 32.9043, 39.4529,

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

32.9043, 39.4529, 44.4090

Protanopia

37.6235, 39.1247, 41.1662

Deuteranopia

40.0286, 39.1955, 45.5001



Tritanopia

34.6944, 39.3062, 53.3352

Trichromacy



Original Color

32.9043, 39.4529, 44.4090

Protanomaly

35.6385, 39.1849, 42.2443

Deuteranomaly

37.0625, 39.0217, 45.1137

Tritanomaly

34.0900, 39.3557, 50.0556

Monochromacy



Original Color

32.9043, 39.4529, 44.4090

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

33.8345, 37.4338, 41.5186

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9043, 39.4529, 44.4090 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(134, 177, 171)` looks like.

```
.text, #text, p{  
    color:rgb(134, 177, 171)  
}
```

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(134, 177, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 177, 171) }
```

Border

The CSS property to change the border of an element to XYZ 32.9043, 39.4529, 44.4090 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(134, 177, 171) }
```


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

```
.border{ border-color:rgb(134, 177, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 177, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 177, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 177, 171);  
box-shadow:4px 4px 4px 4px rgb(134, 177,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9043, 39.4529, 44.4090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 177, 171) }
```

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

```
.background{ background-color: rgb(134,  
177, 171) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor