

Converting Colors

XYZ(29.3393, 34.9247, 43.7470)

Have a look what the booklet for
XYZ(29.3393, 34.9247, 43.7470)
contains.

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Color

**XYZ(29.3794, 35.0831,
43.7513)**

Conversions

Conversions Part 1

Format	Color
Hex	7AA8AB
RGB	122, 168, 171
RGB Percent	48%, 66%, 67%
CMY	0.5216, 0.3412, 0.3294
CMYK	0.29, 0.02, 0.00, 0.33
HSL	184°, 23%, 57%
HSV	184°, 29%, 67%
XYZ	29.3794, 35.0831, 43.7513
YIQ	154.5880, -28.3790, -8.8190

Conversions

Conversions Part 2

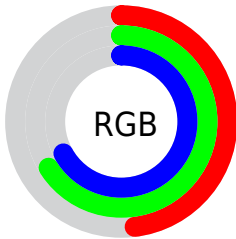
Format	Color
RYB	122, 146, 171
Decimal	8038571
CIELab	65.81, -14.57, -6.53
CIElCh	66, 15.970, 204.124
Yxy	35.0831, 0.2715, 0.3242
Android (android.graphics.Color)	4286228651 (0xFF7AA8AB)
YUV	154.5880, 8.0911, -28.5797
Hunter-Lab	59.2310, -15.1157, -2.3332

Details

The XYZ color **29.3794, 35.0831, 43.7513** is a light color, and the websafe version is hex **669999**. A complement of this color would be **27.6416, 24.7307, 21.7299**, and the grayscale version is **30.9490, 32.5608, 35.4587**.

A 20% lighter version of the original color is **58.0196, 67.4964, 81.9217**, and **12.1737, 15.1623, 19.7378** is the 20% darker color. If you saturate the color by 10%, you get **26.9759, 33.5593, 43.5844**, and if you desaturate by 10%, it is **32.2126, 36.8325, 43.9402**.

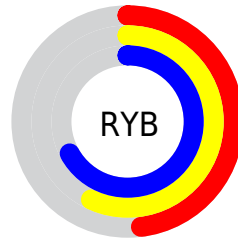
Distribution



Red (48%)

Green (66%)

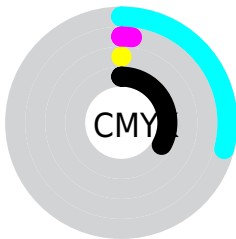
Blue (67%)



Red (48%)

Yellow (57%)

Blue (67%)

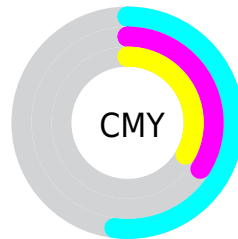


Cyan (29%)

Magenta (2%)

Yellow (0%)

Black (33%)



Cyan (52%)

Magenta (34%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.3794, 35.0831, 43.7513 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 29.3794, 35.0831, 43.7513 by changing the saturation by 10% instead.

■ 29.3794, 35.0831,
43.7513

■ 29.3794, 35.0831,
43.7513

290.9629,
324.9350, 377.7040

■ 19.5137, 23.7269,
30.1393

■ 58.0727, 67.6145,
82.1419

■ 12.1483, 15.1312,
19.6914

■ 77.6311, 89.5585,
107.7575

■ 6.9177, 8.9115,
11.9891

■ 101.1511,
115.8005, 138.2114

■ 3.4565, 4.6835,
6.6138

128.9981,
146.7249, 173.9221

■ 1.3995, 2.0628,
3.1470

161.5374,
182.7162, 215.3082

■ 0.2559, 0.6436,
1.1702

199.1344,

■ 0.0000, 0.0000,

224.1587, 262.7882

0.0000

242.1545,
271.4368, 316.7806

■ 29.3794, 35.0831,
43.7513

■ 29.3794, 35.0831,
43.7513

■ 26.9759, 33.5593,
43.5844

■ 32.2126, 36.8325,
43.9402

■ 24.9766, 32.2453,
43.4362

■ 35.4931, 38.8138,
44.1498

■ 23.3582, 31.1300,
43.3062

■ 39.2412, 41.0386,
44.3816

■ 22.0938, 30.1994,
43.1932

■ 43.4752, 43.5162,
44.6367

■ 21.1527, 29.4379,
43.0958

■ 48.2124, 46.2555,
44.9158

■ 20.4993, 28.8269,
43.0123

■ 53.4690, 49.2649,
45.2196

■ 20.0685, 28.3329,
42.9397

■ 59.2608, 52.5526,
45.5489

■ 20.0151, 28.2690,
42.9302

■ 64.1894, 55.3976,
45.8383

■ 64.3959, 55.8106,
45.9071

Harmonies

Analogous

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



29.0390, 35.0831, 36.8865



29.3794, 35.0831, 43.7513



30.7604, 35.0831, 49.7062

Triad

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



29.3794, 35.0831, 43.7513



37.1525, 35.0831, 46.3185



33.8114, 35.0831, 26.6924

Complementary

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



29.3794, 35.0831, 43.7513



27.6416, 24.7307, 21.7299

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.



36.0714, 35.0831, 28.6217



29.3794, 35.0831, 43.7513



38.0579, 35.0831, 39.5433

Square

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



29.3794, 35.0831, 43.7513



35.2314, 35.0831, 51.3063



37.6532, 35.0831, 33.1385



31.5280, 35.0831, 27.5398

Rectangle

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



29.3794, 35.0831, 43.7513



32.1214, 35.0831, 52.0870



37.6532, 35.0831, 33.1385



34.6001, 35.0831, 27.0299

Sweetspot

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



29.3804, 35.0845, 43.7521



63.2488, 69.3231, 79.0490



26.2563, 34.7307, 24.5391



13.9087, 15.3418, 17.6159



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



29.3804, 35.0845, 43.7521



49.9672, 61.1624, 78.1739



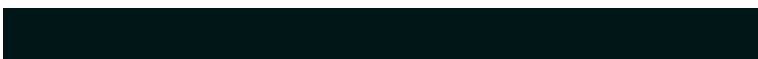
25.3584, 27.0404, 42.4114



8.1937, 8.9869, 10.2555



15.1023, 21.3385, 32.3673



0.4325, 0.6183, 0.9045

Inverse Universe

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



30.8229, 25.4051, 40.3264



52.9771, 41.2157, 70.9691



31.0477, 31.5429, 22.8653



8.3156, 8.1395, 9.9728



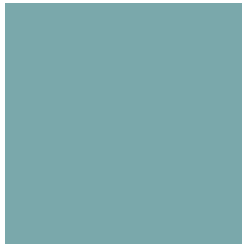
17.4866, 8.4572, 26.0056



0.4927, 0.2378, 0.7562

Previews

White Background



This preview shows how the XYZ color 29.3794, 35.0831, 43.7513 looks on a white background.

Color Contrast Check

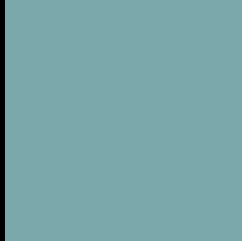
Large Text (above 18pt) WCAG AA × Fail

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 29.3794, 35.0831, 43.7513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

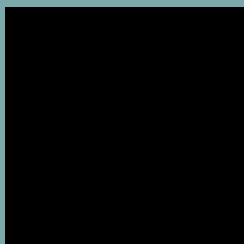
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

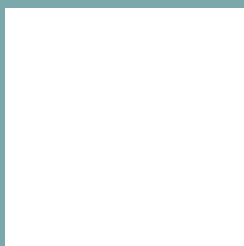
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.3794, 35.0831, 43.7513

Background



This preview shows how black text looks on a background with the XYZ color 29.3794, 35.0831, 43.7513.



This preview shows how white text looks on a background with the XYZ color 29.3794, 35.0831,

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

29.3794, 35.0831, 43.7513

Protanopia

33.5156, 34.6439, 40.5178

Deuteranopia

35.5098, 34.8235, 44.8944



Tritanopia

30.3691, 35.2178, 48.3771

Trichromacy



Original Color

29.3794, 35.0831, 43.7513

Protanomaly

31.7494, 34.7417, 41.5917

Deuteranomaly

32.8761, 34.7381, 44.5075

Tritanomaly

29.9229, 35.0227, 46.7779

Monochromacy



Original Color

29.3794, 35.0831, 43.7513

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

30.3315, 33.5545, 38.5962

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.3794, 35.0831, 43.7513 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(122, 168, 171)` looks like.

```
.text, #text, p{  
    color:rgb(122, 168, 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(122, 168, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 168, 171) }
```

Border

The CSS property to change the border of an element to XYZ 29.3794, 35.0831, 43.7513 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(122, 168, 171) }
```


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

```
.border{ border-color:rgb(122, 168, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 168, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 168, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 168, 171);  
box-shadow:4px 4px 4px 4px rgb(122, 168,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 29.3794, 35.0831, 43.7513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 168, 171) }
```

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

```
.background{ background-color: rgb(122,  
168, 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](#).

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