

Converting Colors

XYZ(28.9084, 35.6317, 43.8071)

Have a look what the booklet for
XYZ(28.9084, 35.6317, 43.8071)
contains.

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Color

**XYZ(28.9838, 35.7109,
43.8934)**

Conversions

Conversions Part 1

Format	Color
Hex	73ABAB
RGB	115, 171, 171
RGB Percent	45%, 67%, 67%
CMY	0.5490, 0.3294, 0.3294
CMYK	0.33, 0.00, 0.00, 0.33
HSL	180°, 25%, 56%
HSV	180°, 33%, 67%
XYZ	28.9838, 35.7109, 43.8934
YIQ	154.2560, -33.3760, -11.8720

Conversions

Conversions Part 2

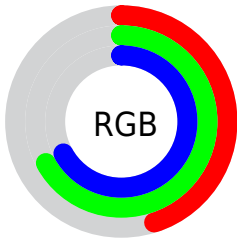
Format	Color
RYB	115, 143, 171
Decimal	7580587
CIELab	66.30, -18.19, -5.85
CIElCh	66, 19.108, 197.828
Yxy	35.7109, 0.2669, 0.3289
Android (android.graphics.Color)	4285770667 (0xFF73ABAB)
YUV	154.2560, 8.2548, -34.4275
Hunter-Lab	59.7586, -18.0024, -1.7182

Details

The XYZ color **28.9838, 35.7109, 43.8934** is a light color, and the websafe version is hex **669999**. A complement of this color would be **26.0210, 22.1582, 19.1264**, and the grayscale version is **30.8038, 32.4080, 35.2923**.

A 20% lighter version of the original color is **57.2860, 68.3187, 82.1190**, and **11.9765, 15.5823, 19.8292** is the 20% darker color. If you saturate the color by 10%, you get **26.9407, 34.6585, 43.7983**, and if you desaturate by 10%, it is **31.4461, 36.9812, 44.0097**.

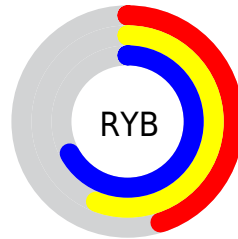
Distribution



Red (45%)

Green (67%)

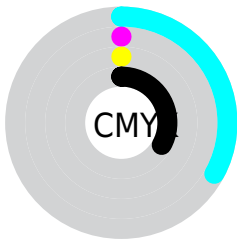
Blue (67%)



Red (45%)

Yellow (56%)

Blue (67%)

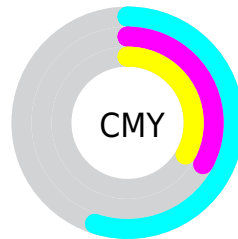


Cyan (33%)

Magenta (0%)

Yellow (0%)

Black (33%)



Cyan (55%)

Magenta (33%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.9838, 35.7109, 43.8934 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 28.9838, 35.7109, 43.8934 by changing the saturation by 10% instead.

■ 28.9838, 35.7109,
43.8934

■ 28.9838, 35.7109,
43.8934

289.1341,
327.6952, 378.3017

■ 19.2128, 24.2110,
30.2501

■ 57.4491, 68.5856,
82.3581

■ 11.9291, 15.4902,
19.7749

■ 76.8741, 90.7292,
108.0166

■ 6.7672, 9.1641,
12.0490

■ 100.2477,
117.1895, 138.5172

■ 3.3620, 4.8484,
6.6541

127.9355,
148.3509, 174.2786

■ 1.3480, 2.1586,
3.1716

160.3026,
184.5978, 215.7191

■ 0.2187, 0.6973,
1.1829

197.7145,

■ 0.0000, 0.0000,

226.3145, 263.2575

0.0000

240.5366,
273.8855, 317.3122

■ 28.9838, 35.7109,
43.8934

■ 28.9838, 35.7109,
43.8934

■ 26.9407, 34.6585,
43.7983

■ 31.4461, 36.9812,
44.0097

■ 25.2906, 33.8079,
43.7208

■ 34.3459, 38.4760,
44.1457

■ 24.0091, 33.1473,
43.6605

■ 37.7040, 40.2072,
44.3031

■ 23.0681, 32.6621,
43.6162

■ 41.5391, 42.1843,
44.4829

■ 22.4350, 32.3358,
43.5863

■ 45.8688, 44.4163,
44.6858

■ 22.0713, 32.1483,
43.5690

■ 50.7099, 46.9119,
44.9126

■ 21.9139, 32.0672,
43.5614

■ 56.0782, 49.6794,
45.1641

■ 61.9890, 52.7265,
45.4410

■ 63.1548, 53.3275,
45.4959

Harmonies

Analogous

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



28.8579, 35.7109, 35.6642



28.9838, 35.7109, 43.8934



30.3914, 35.7109, 51.7256

Triad

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



28.9838, 35.7109, 43.8934



38.1716, 35.7109, 50.4112



35.1118, 35.7109, 25.4605

Complementary

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



28.9838, 35.7109, 43.8934



26.0210, 22.1582, 19.1264

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.



37.7592, 35.7109, 28.3644



28.9838, 35.7109, 43.8934



39.5910, 35.7109, 42.2901

Square

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



28.9838, 35.7109, 43.8934



35.6493, 35.7109, 55.8361



39.4360, 35.7109, 34.2694



32.2904, 35.7109, 25.7642

Rectangle

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



28.9838, 35.7109, 43.8934



31.9140, 35.7109, 55.3194



39.4360, 35.7109, 34.2694



36.0544, 35.7109, 26.0750

Sweetspot

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



28.9848, 35.7123, 43.8942



62.9761, 69.6620, 79.1283



24.8521, 34.0735, 21.4874



13.8688, 15.4446, 17.6377



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.



28.9848, 35.7123, 43.8942



49.2904, 62.6068, 78.4863



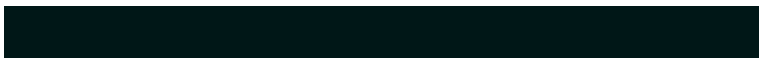
24.3851, 26.5126, 42.3618



8.2364, 9.0721, 10.2696



16.5192, 24.1730, 32.8376



0.4596, 0.6725, 0.9135

Inverse Universe

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



26.0210, 22.1582, 19.1264



43.1847, 34.6843, 27.4628



29.5732, 29.2628, 20.3100



8.0053, 8.0154, 8.3386



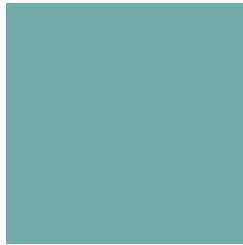
12.6607, 6.5268, 0.5927



0.3522, 0.1816, 0.0165

Previews

White Background



This preview shows how the XYZ color 28.9838, 35.7109, 43.8934 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 28.9838, 35.7109, 43.8934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

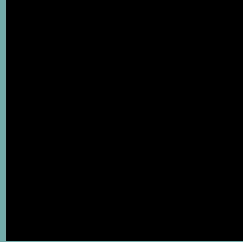
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.9838, 35.7109, 43.8934

Background



This preview shows how black text looks on a background with the XYZ color 28.9838, 35.7109, 43.8934.



This preview shows how white text looks on a background with the XYZ color 28.9838, 35.7109,

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

28.9838, 35.7109, 43.8934

Protanopia

34.1719, 35.5033, 40.1737

Deuteranopia

36.1060, 35.3790, 44.9702



Tritanopia

30.2064, 35.6464, 50.0881

Trichromacy



Original Color

28.9838, 35.7109, 43.8934

Protanomaly

31.9276, 35.3607, 41.7017

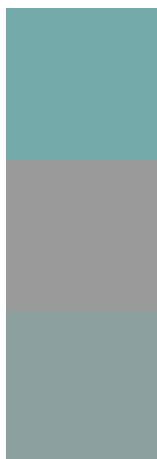
Deuteranomaly

32.8654, 34.9909, 44.5569

Tritanomaly

29.8475, 35.7860, 47.9821

Monochromacy



Original Color

28.9838, 35.7109, 43.8934

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

29.7312, 33.2551, 38.1096

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9838, 35.7109, 43.8934 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(115, 171, 171)` looks like.

```
.text, #text, p{  
    color:rgb(115, 171, 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(115, 171, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 171, 171) }
```

Border

The CSS property to change the border of an element to XYZ 28.9838, 35.7109, 43.8934 is called "border". The border property can be set on classes, ids or directly on the HTML element.

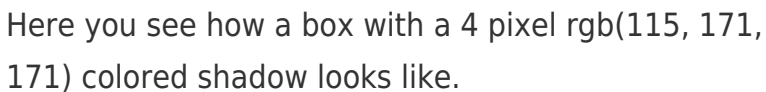
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 171, 171) }
```


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

```
.border{ border-color:rgb(115, 171, 171) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 171, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 171, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 171, 171); box-shadow:4px 4px 4px 4px rgb(115, 171, 171) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9838, 35.7109, 43.8934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 171, 171) }
```

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

```
.background{ background-color: rgb(115,  
171, 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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