

Converting Colors

XYZ(29.4828, 37.9943, 43.8099)

Have a look what the booklet for
XYZ(29.4828, 37.9943, 43.8099)
contains.

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Color

**XYZ(29.4828, 37.9943,
43.8099)**

Conversions

Conversions Part 1

Format	Color
Hex	6DB2AA
RGB	109, 178, 170
RGB Percent	43%, 70%, 67%
CMY	0.5725, 0.3019, 0.3333
CMYK	0.39, 0.00, 0.04, 0.30
HSL	173°, 31%, 56%
HSV	173°, 39%, 70%
XYZ	29.4828, 37.9943, 43.8099
YIQ	156.4570, -38.5560, -17.1160

Conversions

Conversions Part 2

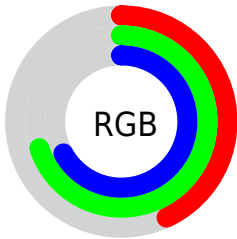
Format	Color
RYB	109, 146, 178
Decimal	7189162
CIELab	68.02, -23.67, -2.79
CIELCh	68, 23.839, 186.731
Yxy	37.9943, 0.2649, 0.3414
Android (android.graphics.Color)	4285379242 (0xFF6DB2AA)
YUV	156.4570, 6.6767, -41.6198
Hunter-Lab	61.6395, -22.4908, 1.0077

Details

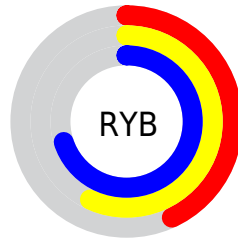
The XYZ color **29.4828, 37.9943, 43.8099** is a light color, and the websafe version is hex **669999**. A complement of this color would be **27.0410, 21.6878, 19.5921**, and the grayscale version is **31.7885, 33.4440, 36.4205**.

A 20% lighter version of the original color is **58.3233, 72.1744, 82.0913**, and **12.1792, 16.7875, 19.7379** is the 20% darker color. If you saturate the color by 10%, you get **27.3174, 36.9013, 42.6979**, and if you desaturate by 10%, it is **32.0969, 39.3201, 44.9606**.

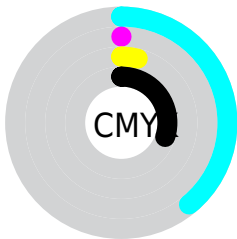
Distribution



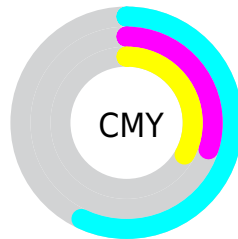
- Red (43%)
- Green (70%)
- Blue (67%)



- Red (43%)
- Yellow (57%)
- Blue (70%)



- Cyan (39%)
- Magenta (0%)
- Yellow (4%)
- Black (30%)



- Cyan (57%)
- Magenta (30%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.4828, 37.9943, 43.8099 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 29.4828, 37.9943, 43.8099 by changing the saturation by 10% instead.

■ 29.4828, 37.9943,
43.8099

■ 29.4828, 37.9943,
43.8099

291.4395,
337.5955, 377.9506

■ 19.5925, 25.9783,
30.1850

■ 58.2356, 72.0994,
82.2310

■ 12.2057, 16.8074,
19.7258

■ 77.8287, 94.9573,
107.8643

■ 6.9571, 10.0973,
12.0138

■ 101.3868,
122.1978, 138.3375

■ 3.4814, 5.4635,
6.6304

■ 129.2752,
154.2056, 174.0691

■ 1.4131, 2.5217,
3.1571

161.8594,
191.3648, 215.4777

■ 0.2656, 0.8875,
1.1754

199.5045,

■ 0.0000, 0.0000,

234.0599, 262.9818

0.0000

242.5761,
282.6754, 316.9999

■ 29.4828, 37.9943,
43.8099

■ 29.4828, 37.9943,
43.8099

■ 27.3174, 36.9013,
42.6979

■ 32.0969, 39.3201,
44.9606

■ 25.5705, 36.0228,
41.6205

■ 35.1810, 40.8869,
46.1485

■ 24.2133, 35.3448,
40.5773

■ 38.7592, 42.7081,
47.3758

■ 23.2119, 34.8499,
39.5665

■ 42.8529, 44.7947,
48.6433

■ 22.5267, 34.5177,
38.5862

■ 47.4821, 47.1569,
49.9523

■ 22.0871, 34.3117,
37.6331

■ 52.6659, 49.8048,
51.3035

■ 22.0376, 34.2887,
37.5166

■ 58.4224, 52.7474,
52.6980

■ 64.7689, 55.9939,
54.1366

■ 66.3008, 56.7580,
55.3665

Harmonies

Analogous

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



29.9490, 37.9943, 33.8139



29.4828, 37.9943, 43.8099



30.6930, 37.9943, 54.8264

Triad

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



29.4828, 37.9943, 43.8099



40.5478, 37.9943, 59.9927



39.0037, 37.9943, 25.2997

Complementary

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



29.4828, 37.9943, 43.8099



27.0410, 21.6878, 19.5921

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.



42.1350, 37.9943, 30.3169



29.4828, 37.9943, 43.8099



43.0683, 37.9943, 49.9739

Square

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



29.4828, 37.9943, 43.8099



36.9549, 37.9943, 65.1491



43.6681, 37.9943, 39.0211



35.2829, 37.9943, 24.2199

Rectangle

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



29.4828, 37.9943, 43.8099



32.3398, 37.9943, 60.9043



43.6681, 37.9943, 39.0211



40.1676, 37.9943, 26.5341

Sweetspot

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



29.4839, 37.9958, 43.8108



67.9463, 76.2547, 85.1350



26.0248, 36.7319, 20.1872



14.8668, 16.7992, 18.7982



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



29.4839, 37.9958, 43.8108



49.8763, 67.0870, 77.6158



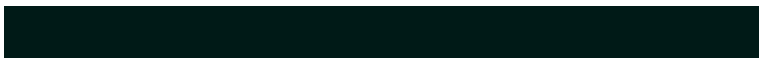
25.4991, 28.7776, 46.3319



8.6994, 9.6142, 10.6765



15.7825, 24.5390, 26.9211



0.5085, 0.7769, 0.9099

Inverse Universe

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



27.0410, 21.6878, 19.5921



44.7942, 33.0939, 27.1835



29.8487, 28.0242, 18.3049



8.5351, 8.5208, 9.0504



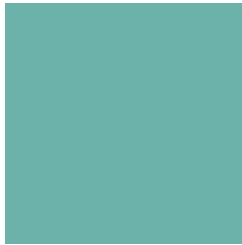
13.2440, 6.8151, 1.1788



0.4295, 0.2196, 0.1047

Previews

White Background



This preview shows how the XYZ color 29.4828, 37.9943, 43.8099 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 29.4828, 37.9943, 43.8099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

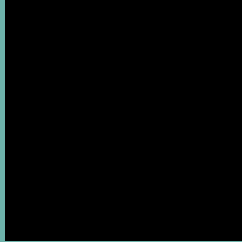
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.4828, 37.9943, 43.8099

Background



This preview shows how black text looks on a background with the XYZ color 29.4828, 37.9943, 43.8099.



This preview shows how white text looks on a background with the XYZ color 29.4828, 37.9943,

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

29.4828, 37.9943, 43.8099

Protanopia

36.1592, 37.5946, 39.5331

Deuteranopia

38.3422, 37.5447, 45.2704



Tritanopia

31.4547, 37.9115, 53.8039

Trichromacy



Original Color

29.4828, 37.9943, 43.8099

Protanomaly

33.0121, 37.2956, 41.0562

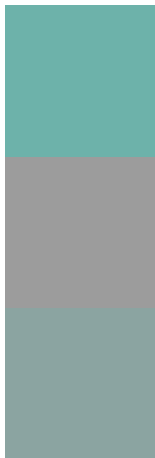
Deuteranomaly

34.3104, 37.3300, 44.9322

Tritanomaly

30.6509, 37.8728, 49.9507

Monochromacy



Original Color

29.4828, 37.9943, 43.8099

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

30.3559, 34.6131, 38.7993

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4828, 37.9943, 43.8099 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(109, 178, 170)` looks like.

```
.text, #text, p{  
    color:rgb(109, 178, 170)  
}
```

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(109, 178, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 178, 170) }
```

Border

The CSS property to change the border of an element to XYZ 29.4828, 37.9943, 43.8099 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(109, 178, 170) }
```


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

```
.border{ border-color:rgb(109, 178, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 178, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 178, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 178, 170);  
box-shadow:4px 4px 4px 4px rgb(109, 178,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4828, 37.9943, 43.8099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 178, 170) }
```

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

```
.background{ background-color: rgb(109,  
178, 170) }
```

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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