

Converting Colors

XYZ(29.2773, 33.6518, 44.0169)

Have a look what the booklet for
XYZ(29.2773, 33.6518, 44.0169)
contains.

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Color

**XYZ(29.2960, 33.6850,
43.9875)**

Conversions

Conversions Part 1

Format	Color
Hex	7FA3AC
RGB	127, 163, 172
RGB Percent	50%, 64%, 67%
CMY	0.5020, 0.3608, 0.3255
CMYK	0.26, 0.05, 0.00, 0.33
HSL	192°, 21%, 59%
HSV	192°, 26%, 67%
XYZ	29.2960, 33.6850, 43.9875
YIQ	153.2620, -24.3450, -4.8330

Conversions

Conversions Part 2

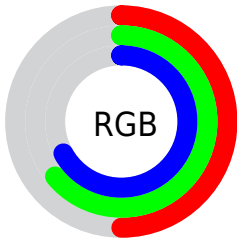
Format	Color
RYB	127, 147, 172
Decimal	8364972
CIELab	64.71, -10.15, -8.69
CIElCh	65, 13.360, 220.581
Yxy	33.6850, 0.2739, 0.3149
Android (android.graphics.Color)	4286555052 (0xFF7FA3AC)
YUV	153.2620, 9.2378, -23.0318
Hunter-Lab	58.0388, -11.4671, -4.3087

Details

The XYZ color **29.2960, 33.6850, 43.9875** is a light color, and the websafe version is hex **669999**. A complement of this color would be **29.6486, 27.9114, 23.9042**, and the grayscale version is **30.3618, 31.9430, 34.7859**.

A 20% lighter version of the original color is **57.9926, 65.5126, 82.2617**, and **12.0551, 14.2614, 19.8867** is the 20% darker color. If you saturate the color by 10%, you get **26.3477, 31.2716, 43.6776**, and if you desaturate by 10%, it is **32.7003, 36.3597, 44.3249**.

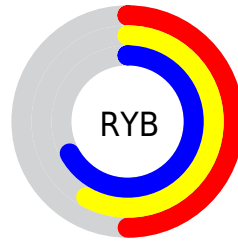
Distribution



Red (50%)

Green (64%)

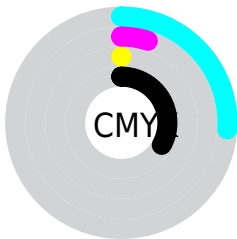
Blue (67%)



Red (50%)

Yellow (58%)

Blue (67%)

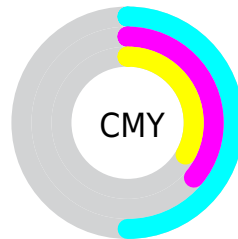


Cyan (26%)

Magenta (5%)

Yellow (0%)

Black (33%)



Cyan (50%)

Magenta (36%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2960, 33.6850, 43.9875 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 29.2960, 33.6850, 43.9875 by changing the saturation by 10% instead.

■ 29.2960, 33.6850,
43.9875

■ 29.2960, 33.6850,
43.9875

290.5781,
318.7252, 378.6971

■ 19.4503, 22.6517,
30.3236

■ 57.9414, 65.4435,
82.5012

■ 12.1020, 14.3365,
19.8302

■ 77.4717, 86.9375,
108.1881

■ 6.8859, 8.3551,
12.0888

■ 100.9609,
112.6873, 138.7196

■ 3.4365, 4.3230,
6.6809

128.7744,
143.0771, 174.5144

■ 1.3886, 1.8558,
3.1880

161.2775,
178.4914, 215.9911

■ 0.2481, 0.5216,
1.1914

198.8356,

■ 0.0000, 0.0000,

219.3146, 263.5680

0.0000

241.8140,
265.9310, 317.6639

■ 29.2960, 33.6850,
43.9875

■ 29.2960, 33.6850,
43.9875

■ 26.3477, 31.2716,
43.6776

■ 32.7003, 36.3597,
44.3249

■ 23.8299, 29.1039,
43.3919

■ 36.5783, 39.3027,
44.6886

■ 21.7195, 27.1704,
43.1299

■ 40.9504, 42.5254,
45.0802

■ 19.9896, 25.4571,
42.8904

■ 45.8350, 46.0376,
45.5006

■ 18.6102, 23.9484,
42.6719

■ 51.2494, 49.8483,
45.9508

■ 17.5463, 22.6260,
42.4727

■ 57.2103, 53.9663,
46.4315

■ 16.7514, 21.4658,
42.2907

■ 63.7334, 58.3999,
46.9435

■ 16.4789, 21.0434,
42.2235

■ 67.2122, 61.2900,
47.3180

■ 67.9686, 62.8028,
47.5701

Harmonies

Analogous

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



28.5258, 33.6850, 38.6514



29.2960, 33.6850, 43.9875



30.8058, 33.6850, 47.5697

Triad

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



29.2960, 33.6850, 43.9875



35.6229, 33.6850, 40.3029



31.3440, 33.6850, 27.2420

Complementary

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



29.2960, 33.6850, 43.9875



29.6486, 27.9114, 23.9042

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.



33.2587, 33.6850, 27.5891



29.2960, 33.6850, 43.9875



35.7811, 33.6850, 34.7714

Square

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



29.2960, 33.6850, 43.9875



34.4766, 33.6850, 45.2998



34.9006, 33.6850, 30.2254



29.6765, 33.6850, 29.2248

Rectangle

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



29.2960, 33.6850, 43.9875



32.0540, 33.6850, 48.2873



34.9006, 33.6850, 30.2254



31.9792, 33.6850, 27.0954

Sweetspot

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



29.2970, 33.6864, 43.9883



64.8935, 70.2024, 80.9359



27.8964, 35.7740, 28.4496



13.8716, 15.0823, 17.5678



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.



29.2970, 33.6864, 43.9883



50.1628, 58.6916, 79.4905



25.7613, 26.6149, 42.8097



8.0983, 8.7959, 10.2237



12.3020, 15.7379, 31.4338



0.3764, 0.5061, 0.8858

Inverse Universe

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



31.2143, 26.5946, 38.1400



54.2527, 43.9770, 66.9225



33.0289, 34.6721, 25.0310



8.2674, 8.1202, 9.7189



16.0731, 7.8918, 18.5623



0.4644, 0.2264, 0.6071

Previews

White Background



This preview shows how the XYZ color 29.2960, 33.6850, 43.9875 looks on a white background.

Color Contrast Check

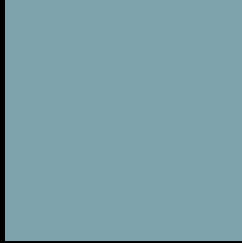
Large Text (above 18pt) WCAG AA × Fail

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 29.2960, 33.6850, 43.9875 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

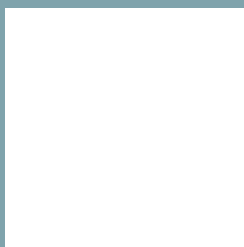
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.2960, 33.6850, 43.9875

Background



This preview shows how black text looks on a background with the XYZ color 29.2960, 33.6850, 43.9875.



This preview shows how white text looks on a background with the XYZ color 29.2960, 33.6850,

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

29.2960, 33.6850, 43.9875

Protanopia

32.5738, 33.6349, 41.3346

Deuteranopia

34.1781, 33.4050, 44.6908



Tritanopia

29.5603, 33.5250, 45.4704

Trichromacy



Original Color

29.2960, 33.6850, 43.9875

Protanomaly

31.2366, 33.6806, 42.3908

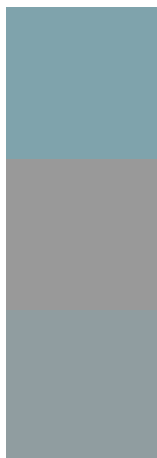
Deuteranomaly

32.1938, 33.3734, 44.2801

Tritanomaly

29.4624, 33.4858, 44.9550

Monochromacy



Original Color

29.2960, 33.6850, 43.9875

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

29.9037, 32.5813, 37.9704

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2960, 33.6850, 43.9875 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(127, 163, 172)` looks like.

```
.text, #text, p{  
    color:rgb(127, 163, 172)  
}
```

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(127, 163, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 163, 172) }
```

Border

The CSS property to change the border of an element to XYZ 29.2960, 33.6850, 43.9875 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(127, 163, 172) }
```


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

```
.border{ border-color:rgb(127, 163, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 163, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 163, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 163, 172);  
box-shadow:4px 4px 4px 4px rgb(127, 163,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2960, 33.6850, 43.9875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 163, 172) }
```

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

```
.background{ background-color: rgb(127,  
163, 172) }
```

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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