

Converting Colors

XYZ(29.3355, 30.9097, 41.0030)

Have a look what the booklet for
XYZ(29.3355, 30.9097, 41.0030)
contains.

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Color

**XYZ(29.3586, 30.9973,
40.9949)**

Conversions

Conversions Part 1

Format	Color
Hex	8E98A7
RGB	142, 152, 167
RGB Percent	56%, 60%, 65%
CMY	0.4431, 0.4039, 0.3451
CMYK	0.15, 0.09, 0.00, 0.35
HSL	216°, 12%, 61%
HSV	216°, 15%, 65%
XYZ	29.3586, 30.9973, 40.9949
YIQ	150.7200, -10.7750, 2.5450

Conversions

Conversions Part 2

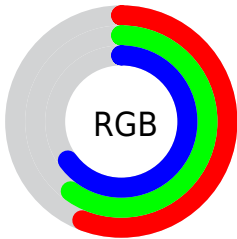
Format	Color
R_{YB}	142, 149, 167
Decimal	9345191
CIE Lab	62.51, -0.40, -9.06
CIE LCh	63, 9.072, 267.496
Yxy	30.9973, 0.2897, 0.3058
Android (android.graphics.Color)	4287535271 (0xFF8E98A7)
YUV	150.7200, 8.0260, -7.6474
Hunter-Lab	55.6752, -3.3052, -4.6839

Details

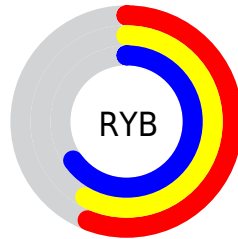
The XYZ color **29.3586, 30.9973, 40.9949** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.8759, 34.2822, 30.4761**, and the grayscale version is **29.2666, 30.7908, 33.5312**.

A 20% lighter version of the original color is **58.0211, 61.1523, 77.8528**, and **12.1618, 12.8205, 18.0533** is the 20% darker color. If you saturate the color by 10%, you get **25.1474, 26.5143, 40.3520**, and if you desaturate by 10%, it is **34.1383, 35.9789, 41.7050**.

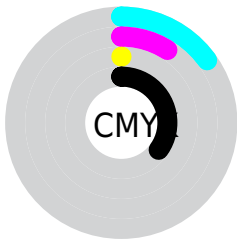
Distribution



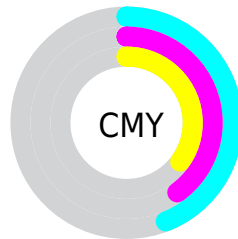
- Red (56%)
- Green (60%)
- Blue (65%)



- Red (56%)
- Yellow (58%)
- Blue (65%)



- Cyan (15%)
- Magenta (9%)
- Yellow (0%)
- Black (35%)



- Cyan (44%)
- Magenta (40%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.3586, 30.9973, 40.9949 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 29.3586, 30.9973, 40.9949 by changing the saturation by 10% instead.

■ 29.3586, 30.9973,
40.9949

■ 29.3586, 30.9973,
40.9949

290.8670,
306.5259, 365.9753

■ 19.4979, 20.5968,
27.9954

■ 58.0400, 61.2358,
77.9297

■ 12.1367, 12.8296,
18.0832

■ 77.5914, 81.8426,
102.7022

■ 6.9097, 7.3113,
10.8397

■ 101.1037,
106.6203, 132.2360

■ 3.4515, 3.6575,
5.8463

128.9423,
135.9533, 166.9498

■ 1.3968, 1.4839,
2.6846

161.4726,
170.2259, 207.2621

■ 0.2539, 0.2774,
0.9357

199.0599,

■ 0.0000, 0.0000,

209.8227, 253.5914

0.0000

242.0696,
255.1278, 306.3563

■ 29.3586, 30.9973,
40.9949

■ 29.3586, 30.9973,
40.9949

■ 25.1474, 26.5143,
40.3520

■ 34.1383, 35.9789,
41.7050

■ 21.4796, 22.5095,
39.7723

■ 39.5049, 41.4711,
42.4823

■ 18.3320, 18.9666,
39.2544

■ 45.4792, 47.4899,
43.3291

■ 15.6789, 15.8668,
38.7959

■ 52.0803, 54.0498,
44.2474

■ 13.4920, 13.1899,
38.3945

■ 59.3263, 61.1646,
45.2388

■ 11.7397, 10.9138,
38.0475

■ 67.2346, 68.8474,
46.3049

■ 10.3863, 9.0136,
37.7521

■ 74.3718, 76.3634,
47.3795

■ 9.3883, 7.4603,
37.5048

■ 77.1145, 81.8487,
48.2937

■ 8.9714, 6.7825,
37.3960

■ 80.0180, 87.6557,
49.2615

Harmonies

Analogous

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



28.2069, 30.9973, 39.8038



29.3586, 30.9973, 40.9949



30.5696, 30.9973, 40.1357

Triad

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



29.3586, 30.9973, 40.9949



31.6144, 30.9973, 30.7135



27.5084, 30.9973, 30.2338

Complementary

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



29.3586, 30.9973, 40.9949



32.8759, 34.2822, 30.4761

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.



28.3815, 30.9973, 28.0817



29.3586, 30.9973, 40.9949



30.7538, 30.9973, 28.3448

Square

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



29.3586, 30.9973, 40.9949



31.8934, 30.9973, 34.0481



29.5656, 30.9973, 27.4147



27.1575, 30.9973, 33.4552

Rectangle

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



29.3586, 30.9973, 40.9949



31.2437, 30.9973, 38.5468



29.5656, 30.9973, 27.4147



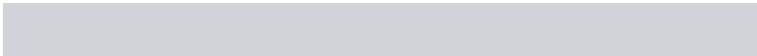
27.7493, 30.9973, 29.3701

Sweetspot

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



29.3595, 30.9986, 40.9956



61.9577, 65.2799, 74.8100



31.0248, 35.8088, 36.9892



13.7151, 14.4539, 16.7192



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



29.3595, 30.9986, 40.9956



49.9375, 52.7229, 73.0198



28.1648, 28.0734, 40.4939



7.3689, 7.7748, 9.5306



6.9103, 5.2808, 28.6306



0.2184, 0.2291, 0.7134

Inverse Universe

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



31.2776, 29.8291, 33.8164



54.0729, 50.3145, 57.5156



34.2014, 37.5813, 31.0431



7.6508, 7.5902, 8.4784



12.9886, 6.6041, 4.7515



0.3414, 0.1708, 0.2494

Previews

White Background



This preview shows how the XYZ color 29.3586, 30.9973, 40.9949 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 29.3586, 30.9973, 40.9949 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

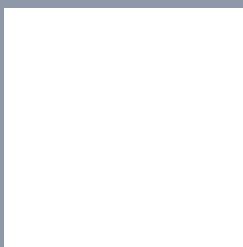
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.3586, 30.9973, 40.9949

Background



This preview shows how black text looks on a background with the XYZ color 29.3586, 30.9973, 40.9949.



This preview shows how white text looks on a background with the XYZ color 29.3586, 30.9973,

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

29.3586, 30.9973, 40.9949

Protanopia

30.1837, 30.9554, 40.4605

Deuteranopia

31.6022, 30.9637, 41.3568



Tritanopia

29.1751, 30.9239, 40.0285

Trichromacy



Original Color

29.3586, 30.9973, 40.9949

Protanomaly

29.8036, 30.9974, 40.4887

Deuteranomaly

30.7642, 30.9974, 41.4074

Tritanomaly

29.2665, 30.9604, 40.5098

Monochromacy



Original Color

29.3586, 30.9973, 40.9949

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.3652, 30.8634, 36.3078

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.3586, 30.9973, 40.9949 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(142, 152, 167) looks like.

```
.text, #text, p{  
    color:rgb(142, 152, 167)  
}
```

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(142, 152, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 152, 167) }
```

Border

The CSS property to change the border of an element to XYZ 29.3586, 30.9973, 40.9949 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(142, 152, 167) }
```


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

```
.border{ border-color:rgb(142, 152, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 152, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 152, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 152, 167);  
box-shadow:4px 4px 4px 4px rgb(142, 152,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 29.3586, 30.9973, 40.9949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 152, 167) }
```

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

```
.background{ background-color: rgb(142,  
152, 167) }
```

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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