

Converting Colors

XYZ(29.3680, 29.2481, 34.1683)

Have a look what the booklet for
XYZ(29.3680, 29.2481, 34.1683)
contains.

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Color

**XYZ(29.4333, 29.3143,
34.2439)**

Conversions

Conversions Part 1

Format	Color
Hex	9C9099
RGB	156, 144, 153
RGB Percent	61%, 56%, 60%
CMY	0.3882, 0.4353, 0.4000
CMYK	0.00, 0.08, 0.02, 0.39
HSL	315°, 6%, 59%
HSV	315°, 8%, 61%
XYZ	29.4333, 29.3143, 34.2439
YIQ	148.6140, 4.2630, 5.3430

Conversions

Conversions Part 2

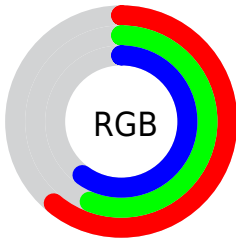
Format	Color
R_{YB}	156, 144, 153
Decimal	10260633
CIE Lab	61.06, 6.13, -3.15
CIE LCh	61, 6.891, 332.787
Yxy	29.3143, 0.3165, 0.3152
Android (android.graphics.Color)	4288450713 (0xFF9C9099)
YUV	148.6140, 2.1623, 6.4775
Hunter-Lab	54.1427, 2.2873, 0.4004

Details

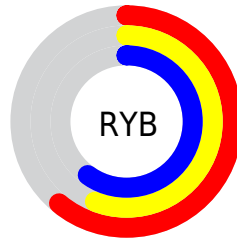
The XYZ color **29.4333, 29.3143, 34.2439** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.6576, 31.8136, 32.2355**, and the grayscale version is **28.3956, 29.8744, 32.5332**.

A 20% lighter version of the original color is **58.0349, 58.5948, 67.2826**, and **12.2267, 11.9680, 14.2360** is the 20% darker color. If you saturate the color by 10%, you get **26.9152, 24.7850, 31.8411**, and if you desaturate by 10%, it is **32.2901, 34.5034, 36.8123**.

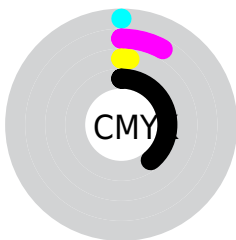
Distribution



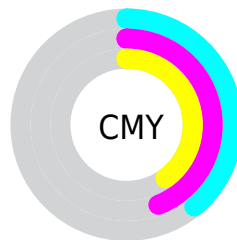
- Red (61%)
- Green (56%)
- Blue (60%)



- Red (61%)
- Yellow (56%)
- Blue (60%)



- Cyan (0%)
- Magenta (8%)
- Yellow (2%)
- Black (39%)



- Cyan (39%)
- Magenta (44%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.4333, 29.3143, 34.2439 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 29.4333, 29.3143, 34.2439 by changing the saturation by 10% instead.

■ 29.4333, 29.3143,
34.2439

■ 29.4333, 29.3143,
34.2439

291.2114,
298.6950, 336.0205

■ 19.5548, 19.3187,
22.8022

■ 58.1576, 58.5761,
67.4510

■ 12.1782, 11.9008,
14.2436

■ 77.7341, 78.6111,
90.0534

■ 6.9382, 6.6762,
8.1496

101.2740,
102.7613, 117.2132

■ 3.4695, 3.2604,
4.1017

129.1426,
131.4112, 149.3488

■ 1.4066, 1.2692,
1.6813

161.7053,
164.9451, 186.8788

■ 0.2609, 0.1171,
0.3479

199.3274,

■ 0.0000, 0.0000,

203.7474, 230.2217

0.0000

242.3743,
248.2026, 279.7961

■ 29.4333, 29.3143,
34.2439

■ 29.4333, 29.3143,
34.2439

■ 26.9152, 24.7850,
31.8411

■ 32.2901, 34.5034,
36.8123

■ 24.7199, 20.8849,
29.5970

■ 35.4958, 40.3736,
39.5491

■ 22.8339, 17.5870,
27.5070

■ 39.0631, 46.9500,
42.4594

■ 21.2419, 14.8605,
25.5655

■ 43.0035, 54.2551,
45.5475

■ 19.9269, 12.6720,
23.7663

■ 47.3279, 62.3108,
48.8174

■ 18.8706, 10.9847,
22.1028

■ 52.0466, 71.1376,
52.2731

■ 18.0520, 9.7570,
20.5674

■ 57.1698, 80.7555,
55.9184

■ 17.4469, 8.9407,
19.1517

■ 58.1440, 82.0574,
58.2359

■ 17.0133, 8.4517,
17.8409

■ 58.5593, 82.2236,
60.4228

Harmonies

Analogous

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



28.8121, 29.3143, 36.2786



29.4333, 29.3143, 34.2439



29.6307, 29.3143, 31.6774

Triad

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



29.4333, 29.3143, 34.2439



27.7781, 29.3143, 27.2099



26.4297, 29.3143, 34.6842

Complementary

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



29.4333, 29.3143, 34.2439



28.6576, 31.8136, 32.2355

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.



26.1658, 29.3143, 32.1604



29.4333, 29.3143, 34.2439



26.9337, 29.3143, 27.9222

Square

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



29.4333, 29.3143, 34.2439



28.6630, 29.3143, 27.7019



26.3483, 29.3143, 29.7004



27.0768, 29.3143, 36.5422

Rectangle

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



29.4333, 29.3143, 34.2439



29.4920, 29.3143, 30.0330



26.3483, 29.3143, 29.7004



26.2938, 29.3143, 33.8809

Sweetspot

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



29.4341, 29.3156, 34.2445



56.3147, 58.4197, 64.7953



28.0078, 28.5513, 35.4877



12.4059, 12.8807, 14.2705



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



29.4341, 29.3156, 34.2445



52.7414, 51.9462, 61.5290



28.9510, 29.1223, 31.7003



6.8332, 6.7262, 7.9729



13.9518, 6.8853, 14.5290



0.2651, 0.1294, 0.3422

Inverse Universe

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



29.4341, 29.3156, 34.2445



52.7414, 51.9462, 61.5290



29.1408, 32.0068, 34.7797



6.8332, 6.7262, 7.9729



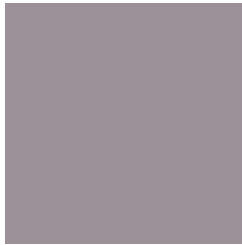
13.9518, 6.8853, 14.5290



0.2651, 0.1294, 0.3422

Previews

White Background



This preview shows how the XYZ color 29.4333, 29.3143, 34.2439 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 29.4333, 29.3143, 34.2439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

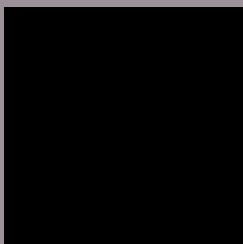
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.4333, 29.3143, 34.2439

Background



This preview shows how black text looks on a background with the XYZ color 29.4333, 29.3143, 34.2439.



This preview shows how white text looks on a background with the XYZ color 29.4333, 29.3143,

34.2439.

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

29.4333, 29.3143, 34.2439

Protanopia

28.5629, 29.5299, 35.2048

Deuteranopia

29.8703, 29.3158, 34.2212



Tritanopia

29.6000, 29.3810, 35.1214

Trichromacy



Original Color

29.4333, 29.3143, 34.2439

Protanomaly

28.8741, 29.4702, 34.7383

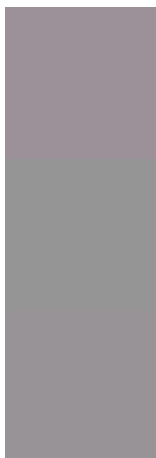
Deuteranomaly

29.6728, 29.2139, 34.2119

Tritanomaly

29.5163, 29.3475, 34.6808

Monochromacy



Original Color

29.4333, 29.3143, 34.2439

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.8876, 29.7448, 33.0729

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4333, 29.3143, 34.2439 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(156, 144, 153)` looks like.

```
.text, #text, p{  
    color:rgb(156, 144, 153)  
}
```

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(156, 144, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 144, 153) }
```

Border

The CSS property to change the border of an element to XYZ 29.4333, 29.3143, 34.2439 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(156, 144, 153) }
```


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

```
.border{ border-color:rgb(156, 144, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 144, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 144, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 144, 153);  
box-shadow:4px 4px 4px 4px rgb(156, 144,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4333, 29.3143, 34.2439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 144, 153) }
```

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

```
.background{ background-color: rgb(156,  
144, 153) }
```

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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