

Converting Colors

XYZ(30.4123, 28.1233, 40.6239)

Have a look what the booklet for
XYZ(30.4123, 28.1233, 40.6239)
contains.

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Color

**XYZ(30.4179, 28.1549,
40.3905)**

Conversions

Conversions Part 1

Format	Color
Hex	A089A7
RGB	160, 137, 167
RGB Percent	63%, 54%, 65%
CMY	0.3725, 0.4627, 0.3451
CMYK	0.04, 0.18, 0.00, 0.35
HSL	286°, 15%, 60%
HSV	286°, 18%, 65%
XYZ	30.4179, 28.1549, 40.3905
YIQ	147.2970, 4.0780, 14.2060

Conversions

Conversions Part 2

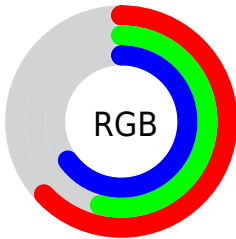
Format	Color
RYB	160, 137, 167
Decimal	10520999
CIELab	60.03, 14.30, -12.62
CIElCh	60, 19.071, 318.564
Yxy	28.1549, 0.3074, 0.2845
Android (android.graphics.Color)	4288711079 (0xFFA089A7)
YUV	147.2970, 9.7136, 11.1405
Hunter-Lab	53.0612, 9.4700, -7.9891

Details

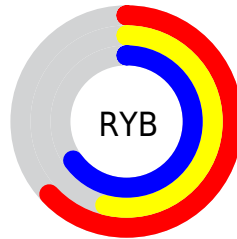
The XYZ color **30.4179, 28.1549, 40.3905** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **29.8367, 35.3736, 28.9235**, and the grayscale version is **27.8166, 29.2652, 31.8698**.

A 20% lighter version of the original color is **59.6226, 56.5479, 76.8796**, and **12.6870, 11.2423, 17.7210** is the 20% darker color. If you saturate the color by 10%, you get **27.4587, 23.3744, 39.6242**, and if you desaturate by 10%, it is **33.7707, 33.6852, 41.2817**.

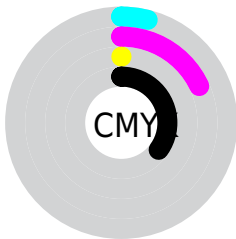
Distribution



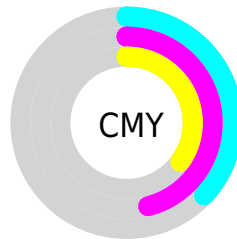
- Red (63%)
- Green (54%)
- Blue (65%)



- Red (63%)
- Yellow (54%)
- Blue (65%)



- Cyan (4%)
- Magenta (18%)
- Yellow (0%)
- Black (35%)



- Cyan (37%)
- Magenta (46%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4179, 28.1549, 40.3905 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 30.4179, 28.1549, 40.3905 by changing the saturation by 10% instead.

■ 30.4179, 28.1549,
40.3905

■ 30.4179, 28.1549,
40.3905

295.7225,
293.2063, 363.3676

■ 20.3056, 18.4425,
27.5270

■ 59.7045, 56.7317,
77.0014

■ 12.7270, 11.2681,
17.7335

■ 79.6096, 76.3648,
101.5859

■ 7.3165, 6.2475,
10.5914

■ 103.5097,
100.0735, 130.9144

■ 3.7089, 2.9961,
5.6821

131.7702,
128.2424, 165.4057

■ 1.5388, 1.1297,
2.5871

164.7563,
161.2557, 205.4780

■ 0.3520, 0.0031,
0.8858

202.8335,

■ 0.0000, 0.0000,

199.4979, 251.5501

0.0000

246.3671,
243.3533, 304.0405

■ 30.4179, 28.1549,
40.3905

■ 30.4179, 28.1549,
40.3905

■ 27.4587, 23.3744,
39.6242

■ 33.7707, 33.6852,
41.2817

■ 24.8734, 19.3065,
38.9752

■ 37.5305, 39.9935,
42.3011

■ 22.6445, 15.9157,
38.4382

■ 41.7132, 47.1106,
43.4544

■ 20.7520, 13.1624,
38.0065

■ 46.3331, 55.0649,
44.7463

■ 19.1738, 11.0028,
37.6729

■ 51.4037, 63.8832,
46.1811

■ 17.8849, 9.3872,
37.4290

■ 56.9381, 73.5910,
47.7632

■ 16.8563, 8.2580,
37.2652

■ 62.9486, 84.2130,
49.4967

■ 16.0389, 7.5174,
37.1653

■ 64.2654, 85.4093,
49.6582

■ 15.8820, 7.3817,
37.1474

■ 65.2598, 85.9219,
49.7047

Harmonies

Analogous

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



28.2755, 28.1549, 45.1694



30.4179, 28.1549, 40.3905



31.6057, 28.1549, 33.3861

Triad

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



30.4179, 28.1549, 40.3905



27.6975, 28.1549, 19.3227



22.5714, 28.1549, 35.1159

Complementary

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



30.4179, 28.1549, 40.3905



29.8367, 35.3736, 28.9235

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.



22.4375, 28.1549, 28.0787



30.4179, 28.1549, 40.3905



25.3004, 28.1549, 19.6410

Square

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



30.4179, 28.1549, 40.3905



29.9728, 28.1549, 21.6793



23.4085, 28.1549, 22.6264



23.7861, 28.1549, 41.8206

Rectangle

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



30.4179, 28.1549, 40.3905



31.6512, 28.1549, 28.7064



23.4085, 28.1549, 22.6264



22.4013, 28.1549, 32.6918

Sweetspot

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



30.4188, 28.1561, 40.3911



62.3383, 63.4267, 74.4323



27.3419, 28.2079, 40.5633



13.8511, 14.0282, 16.6298



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.



30.4188, 28.1561, 40.3911



52.0410, 46.4648, 71.7010



31.1844, 28.6286, 36.9119



7.6682, 7.5771, 9.4767



12.1975, 5.6715, 28.4273



0.3374, 0.1590, 0.6935

Inverse Universe

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



29.9170, 28.1217, 30.2381



50.9989, 46.4167, 49.5541



29.2086, 34.9855, 31.8010



7.6002, 7.5699, 8.2118



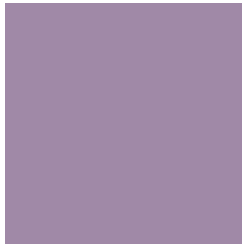
12.4908, 6.4050, 2.1303



0.3228, 0.1634, 0.1512

Previews

White Background



This preview shows how the XYZ color 30.4179, 28.1549, 40.3905 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 30.4179, 28.1549, 40.3905 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 30.4179, 28.1549, 40.3905

Background



This preview shows how black text looks on a background with the XYZ color 30.4179, 28.1549, 40.3905.



This preview shows how white text looks on a background with the XYZ color 30.4179, 28.1549,

40.3905.

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

30.4179, 28.1549, 40.3905

Protanopia

27.9714, 28.3758, 42.5309

Deuteranopia

28.8022, 28.1925, 40.0000



Tritanopia

29.0645, 28.2596, 33.2009

Trichromacy



Original Color

30.4179, 28.1549, 40.3905

Protanomaly

28.8132, 28.1551, 41.9461

Deuteranomaly

29.3979, 28.2816, 39.9859

Tritanomaly

29.6165, 28.2705, 35.7941

Monochromacy



Original Color

30.4179, 28.1549, 40.3905

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.6041, 28.6534, 34.5949

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4179, 28.1549, 40.3905 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(160, 137, 167)` looks like.

```
.text, #text, p{  
    color:rgb(160, 137, 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(160, 137, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 137, 167) }
```

Border

The CSS property to change the border of an element to XYZ 30.4179, 28.1549, 40.3905 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(160, 137, 167) }
```


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

```
.border{ border-color:rgb(160, 137, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 137, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 137, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 137, 167);  
box-shadow:4px 4px 4px 4px rgb(160, 137,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4179, 28.1549, 40.3905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 137, 167) }
```

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

```
.background{ background-color: rgb(160,  
137, 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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