

Converting Colors

XYZ(29.5334, 28.0319, 40.6139)

Have a look what the booklet for
XYZ(29.5334, 28.0319, 40.6139)
contains.

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Color

**XYZ(29.5341, 28.1253,
40.4313)**

Conversions

Conversions Part 1

Format	Color
Hex	9A8BA7
RGB	154, 139, 167
RGB Percent	60%, 55%, 65%
CMY	0.3961, 0.4549, 0.3451
CMYK	0.08, 0.17, 0.00, 0.35
HSL	272°, 14%, 60%
HSV	272°, 17%, 65%
XYZ	29.5341, 28.1253, 40.4313
YIQ	146.6770, -0.0480, 11.8880

Conversions

Conversions Part 2

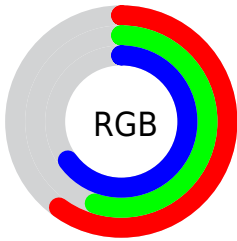
Format	Color
RYB	154, 139, 167
Decimal	10128295
CIELab	60.00, 11.07, -12.72
CIELCh	60, 16.857, 311.036
Yxy	28.1253, 0.3011, 0.2867
Android (android.graphics.Color)	4288318375 (0xFF9A8BA7)
YUV	146.6770, 10.0192, 6.4223
Hunter-Lab	53.0333, 6.5979, -8.0780

Details

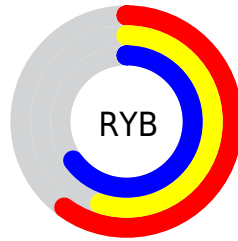
The XYZ color **29.5341, 28.1253, 40.4313** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **31.4288, 36.1776, 29.7540**, and the grayscale version is **27.5606, 28.9959, 31.5765**.

A 20% lighter version of the original color is **58.5493, 56.9692, 77.0175**, and **12.2604, 11.2661, 17.7480** is the 20% darker color. If you saturate the color by 10%, you get **25.8701, 22.9175, 39.6196**, and if you desaturate by 10%, it is **33.6646, 34.1235, 41.3718**.

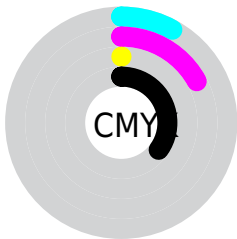
Distribution



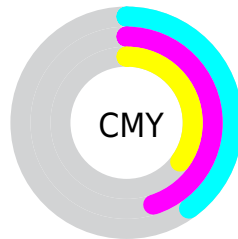
- Red (60%)
- Green (55%)
- Blue (65%)



- Red (60%)
- Yellow (55%)
- Blue (65%)



- Cyan (8%)
- Magenta (17%)
- Yellow (0%)
- Black (35%)



- Cyan (40%)
- Magenta (45%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.5341, 28.1253, 40.4313 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 29.5341, 28.1253, 40.4313 by changing the saturation by 10% instead.

■ 29.5341, 28.1253,
40.4313

■ 29.5341, 28.1253,
40.4313

291.6757,
293.0652, 363.5441

■ 19.6315, 18.4201,
27.5586

■ 58.3163, 56.6844,
77.0641

■ 12.2342, 11.2520,
17.7571

■ 77.9267, 76.3072,
101.6613

■ 6.9767, 6.2366,
10.6081

■ 101.5036,
100.0046, 131.0038

■ 3.4937, 2.9895,
5.6931

129.4126,
128.1610, 165.5101

■ 1.4199, 1.1262,
2.5936

162.0190,
161.1609, 205.5987

■ 0.2704, 0.0002,
0.8892

199.6880,

■ 0.0000, 0.0000,

199.3886, 251.6882

0.0000

242.7851,
243.2286, 304.1972

■ 29.5341, 28.1253,
40.4313

■ 29.5341, 28.1253,
40.4313

■ 25.8701, 22.9175,
39.6196

■ 33.6646, 34.1235,
41.3718

■ 22.6514, 18.4620,
38.9293

■ 38.2763, 40.9405,
42.4446

■ 19.8592, 14.7232,
38.3548

■ 43.3866, 48.6080,
43.6552

■ 17.4719, 11.6610,
37.8895

■ 49.0111, 57.1548,
45.0084

■ 15.4660, 9.2310,
37.5262

■ 55.1646, 66.6082,
46.5088

■ 13.8151, 7.3836,
37.2567

■ 61.8615, 76.9945,
48.1606

■ 12.4889, 6.0614,
37.0713

■ 68.8263, 87.7605,
49.8716

■ 11.4443, 5.1810,
36.9565

■ 71.0640, 88.9141,
49.9763

■ 11.1393, 4.9367,
36.9254

■ 73.4099, 90.1235,
50.0861

Harmonies

Analogous

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



27.5300, 28.1253, 43.7498



29.5341, 28.1253, 40.4313



30.8279, 28.1253, 34.6272

Triad

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



29.5341, 28.1253, 40.4313



28.0959, 28.1253, 20.7513



22.8830, 28.1253, 32.9422

Complementary

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



29.5341, 28.1253, 40.4313



31.4288, 36.1776, 29.7540

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.



23.0164, 28.1253, 26.9413



29.5341, 28.1253, 40.4313



25.9501, 28.1253, 20.4268

Square

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



29.5341, 28.1253, 40.4313



29.9674, 28.1253, 23.5013



24.1135, 28.1253, 22.5461



23.7388, 28.1253, 39.0566

Rectangle

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



29.5341, 28.1253, 40.4313



31.0742, 28.1253, 30.4105



24.1135, 28.1253, 22.5461



22.8149, 28.1253, 30.8378

Sweetspot

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



29.5350, 28.1265, 40.4319



61.6123, 63.0524, 74.3983



28.8626, 30.7582, 40.9753



13.6676, 13.9336, 16.6212



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.



29.5350, 28.1265, 40.4319



50.4394, 46.8569, 71.8611



32.0588, 29.4375, 40.1012



7.5011, 7.4910, 9.4689



8.5808, 3.8070, 28.2581



0.2669, 0.1226, 0.6902

Inverse Universe

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



30.8374, 28.9490, 33.6695



53.2461, 48.6281, 57.3412



29.1959, 35.0186, 30.0070



7.6706, 7.5981, 8.5826



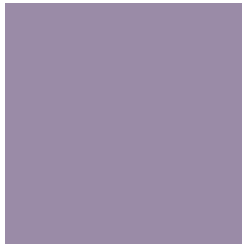
13.2587, 6.7122, 6.1737



0.3486, 0.1737, 0.2872

Previews

White Background



This preview shows how the XYZ color 29.5341, 28.1253, 40.4313 looks on a white background.

Color Contrast Check

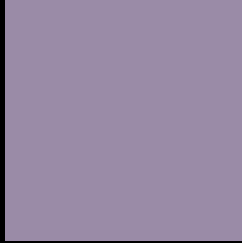
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.5341, 28.1253, 40.4313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

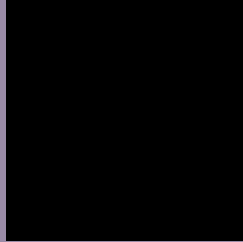
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.5341, 28.1253, 40.4313

Background



This preview shows how black text looks on a background with the XYZ color 29.5341, 28.1253, 40.4313.



This preview shows how white text looks on a background with the XYZ color 29.5341, 28.1253,

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

29.5341, 28.1253, 40.4313

Protanopia

27.7256, 28.0362, 41.9804

Deuteranopia

28.7127, 28.1357, 40.4766



Tritanopia

28.2235, 28.0251, 34.0588

Trichromacy



Original Color

29.5341, 28.1253, 40.4313

Protanomaly

28.3360, 28.1399, 41.4742

Deuteranomaly

28.9308, 28.0302, 40.4448

Tritanomaly

28.6865, 27.9971, 36.2398

Monochromacy



Original Color

29.5341, 28.1253, 40.4313

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.3837, 28.7636, 34.6278

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5341, 28.1253, 40.4313 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(154, 139, 167)` looks like.

```
.text, #text, p{  
    color:rgb(154, 139, 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(154, 139, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 139, 167) }
```

Border

The CSS property to change the border of an element to XYZ 29.5341, 28.1253, 40.4313 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(154, 139, 167) }
```


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

```
.border{ border-color:rgb(154, 139, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 139, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 139, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 139, 167);  
box-shadow:4px 4px 4px 4px rgb(154, 139,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5341, 28.1253, 40.4313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 139, 167) }
```

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

```
.background{ background-color: rgb(154,  
139, 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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