

Converting Colors

XYZ(40.1511, 41.6751, 53.1367)

Have a look what the booklet for
XYZ(40.1511, 41.6751, 53.1367)
contains.

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Color

**XYZ(40.0844, 41.5279,
52.9167)**

Conversions

Conversions Part 1

Format	Color
Hex	A9ACBB
RGB	169, 172, 187
RGB Percent	66%, 67%, 73%
CMY	0.3372, 0.3255, 0.2667
CMYK	0.10, 0.08, 0.00, 0.27
HSL	230°, 12%, 70%
HSV	230°, 10%, 73%
XYZ	40.0844, 41.5279, 52.9167
YIQ	172.8130, -6.6030, 4.0290

Conversions

Conversions Part 2

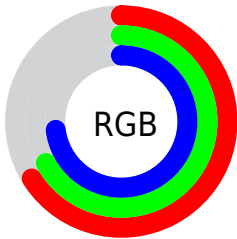
Format	Color
R _Y B	169, 172, 187
Decimal	11119803
CIE Lab	70.54, 1.92, -8.03
CIE LCh	71, 8.257, 283.463
Yxy	41.5279, 0.2980, 0.3087
Android (android.graphics.Color)	4289309883 (0xFFA9ACBB)
YUV	172.8130, 6.9942, -3.3440
Hunter-Lab	64.4421, -1.7429, -3.5765

Details

The XYZ color **40.0844, 41.5279, 52.9167** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.7957, 47.7103, 44.3851**, and the grayscale version is **39.5942, 41.6562, 45.3636**.

A 20% lighter version of the original color is **74.3872, 77.2565, 95.7854**, and **18.3557, 18.9361, 25.2418** is the 20% darker color. If you saturate the color by 10%, you get **33.5626, 34.0196, 51.8118**, and if you desaturate by 10%, it is **47.5302, 50.0309, 54.1662**.

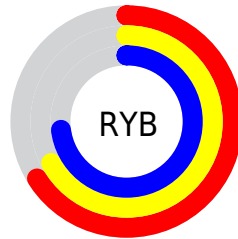
Distribution



Red (66%)

Green (67%)

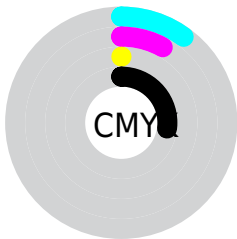
Blue (73%)



Red (66%)

Yellow (67%)

Blue (73%)

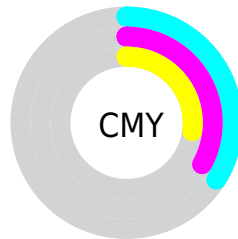


Cyan (10%)

Magenta (8%)

Yellow (0%)

Black (27%)



Cyan (34%)

Magenta (33%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.0844, 41.5279, 52.9167 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 40.0844, 41.5279, 52.9167 by changing the saturation by 10% instead.

■ 40.0844, 41.5279,
52.9167

■ 40.0844, 41.5279,
52.9167

337.6075,
352.5222, 415.0227

■ 27.7889, 28.7318,
37.3490

■ 74.5755, 77.4846,
95.9221

■ 18.3062, 18.8780,
25.1799

■ 97.5019, 101.4140,
124.1969

■ 11.2711, 11.5822,
15.9909

124.7025,
129.8233, 157.5444

■ 6.3181, 6.4599,
9.3634

156.5427,
163.0969, 196.3833

■ 3.0819, 3.1267,
4.8790

193.3880,
201.6192, 241.1320

■ 1.1972, 1.1982,
2.1189

235.6037,

■ 0.1042, 0.0602,

245.7746, 292.2091

0.6270

283.5550,
295.9474, 350.0332

■ 0.0000, 0.0000,
0.0000

■ 40.0844, 41.5279,
52.9167

■ 40.0844, 41.5279,
52.9167

■ 33.5626, 34.0196,
51.8118

■ 47.5302, 50.0309,
54.1662

■ 27.9248, 27.4643,
50.8437

■ 55.9305, 59.5579,
55.5623

■ 23.1337, 21.8252,
50.0077

■ 65.3188, 70.1435,
57.1107

■ 19.1478, 17.0609,
49.2982

■ 75.7261, 81.8190,
58.8158

■ 15.9221, 13.1267,
48.7089

■ 84.3676, 93.1636,
60.5501

■ 13.4070, 9.9743,
48.2329

■ 85.9698, 96.3679,
61.0841

■ 11.5467, 7.5497,
47.8630

■ 10.2769, 5.7918,
47.5906

■ 9.4889, 4.6132,
47.4046

Harmonies

Analogous

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



38.7297, 41.5279, 52.8011



40.0844, 41.5279, 52.9167



41.3016, 41.5279, 50.8867

Triad

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



40.0844, 41.5279, 52.9167



41.4041, 41.5279, 40.2474



37.0114, 41.5279, 43.1138

Complementary

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



40.0844, 41.5279, 52.9167



44.7957, 47.7103, 44.3851

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.



37.6954, 41.5279, 39.9846



40.0844, 41.5279, 52.9167



40.2217, 41.5279, 38.3960

Square

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



40.0844, 41.5279, 52.9167



42.0752, 41.5279, 43.4916



38.8639, 41.5279, 38.3026



36.9766, 41.5279, 46.9871

Rectangle

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



40.0844, 41.5279, 52.9167



41.8626, 41.5279, 48.6540



38.8639, 41.5279, 38.3026



37.1723, 41.5279, 41.9455

Sweetspot

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



40.0856, 41.5296, 52.9176



80.3713, 84.1880, 96.2153



42.7536, 47.4245, 52.0839



17.4580, 18.2645, 21.1478



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



40.0856, 41.5296, 52.9176



68.6361, 70.7564, 94.2412



40.7704, 41.0441, 52.7878



9.1417, 9.4756, 12.0194



6.5578, 3.2272, 32.6702



0.2975, 0.2076, 1.2933

Inverse Universe

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



42.1289, 41.9203, 44.9027



73.2020, 71.6641, 76.3234



44.0590, 48.2660, 44.5312



9.5934, 9.5616, 10.2476



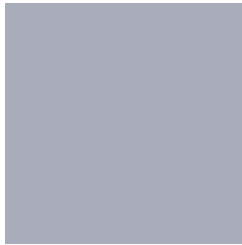
14.3108, 7.3555, 1.6644



0.5811, 0.2963, 0.1731

Previews

White Background



This preview shows how the XYZ color 40.0844, 41.5279, 52.9167 looks on a white background.

Color Contrast Check

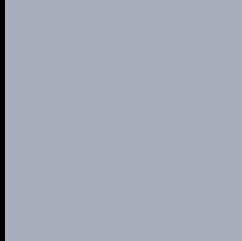
Large Text (above 18pt) WCAG AA × Fail

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 40.0844, 41.5279, 52.9167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

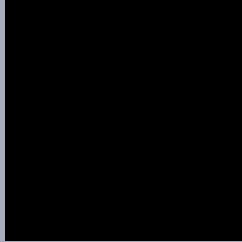
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

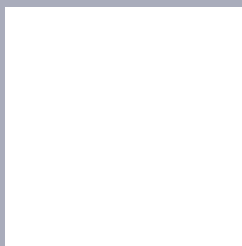
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.0844, 41.5279, 52.9167

Background



This preview shows how black text looks on a background with the XYZ color 40.0844, 41.5279, 52.9167.

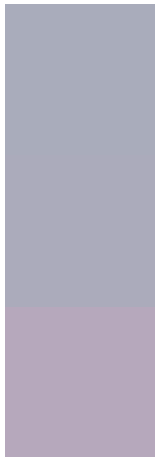


This preview shows how white text looks on a background with the XYZ color 40.0844, 41.5279,

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

40.0844, 41.5279, 52.9167

Protanopia

40.3271, 41.3716, 52.8738

Deuteranopia

42.3711, 41.5812, 53.3697



Tritanopia

39.9776, 41.4852, 52.3548

Trichromacy



Original Color

40.0844, 41.5279, 52.9167

Protanomaly

40.1101, 41.2597, 52.8636

Deuteranomaly

41.3965, 41.3539, 53.3772

Tritanomaly

39.9776, 41.4852, 52.3548

Monochromacy



Original Color

40.0844, 41.5279, 52.9167

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.9927, 41.8721, 48.0938

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.0844, 41.5279, 52.9167 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(169, 172, 187)` looks like.

```
.text, #text, p{  
    color:rgb(169, 172, 187)  
}
```

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(169, 172, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 172, 187) }
```

Border

The CSS property to change the border of an element to XYZ 40.0844, 41.5279, 52.9167 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(169, 172, 187) }
```


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

```
.border{ border-color:rgb(169, 172, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 172, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 172, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 172, 187);  
box-shadow:4px 4px 4px 4px rgb(169, 172,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 40.0844, 41.5279, 52.9167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 172, 187) }
```

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

```
.background{ background-color: rgb(169,  
172, 187) }
```

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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