

Converting Colors

XYZ(41.5256, 40.9799, 59.3076)

Have a look what the booklet for
XYZ(41.5256, 40.9799, 59.3076)
contains.

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Color

**XYZ(41.4293, 40.9667,
59.1499)**

Conversions

Conversions Part 1

Format	Color
Hex	ADA8C6
RGB	173, 168, 198
RGB Percent	68%, 66%, 78%
CMY	0.3216, 0.3412, 0.2235
CMYK	0.13, 0.15, 0.00, 0.22
HSL	250°, 21%, 72%
HSV	250°, 15%, 78%
XYZ	41.4293, 40.9667, 59.1499
YIQ	172.9150, -6.6500, 10.3900

Conversions

Conversions Part 2

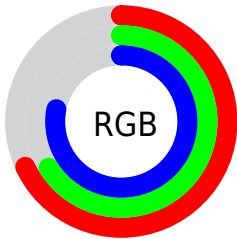
Format	Color
RYB	173, 168, 198
Decimal	11380934
CIELab	70.15, 7.76, -14.65
CIELCh	70, 16.579, 297.901
Yxy	40.9667, 0.2927, 0.2894
Android (android.graphics.Color)	4289571014 (0xFFADA8C6)
YUV	172.9150, 12.3669, 0.0745
Hunter-Lab	64.0052, 3.5303, -9.9887

Details

The XYZ color **41.4293, 40.9667, 59.1499** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **49.2556, 54.5538, 44.9815**, and the grayscale version is **39.6196, 41.6829, 45.3927**.

A 20% lighter version of the original color is **76.7508, 76.6534, 105.3581**, and **19.0252, 18.4975, 28.9532** is the 20% darker color. If you saturate the color by 10%, you get **34.6226, 32.4391, 57.8633**, and if you desaturate by 10%, it is **49.2458, 50.8432, 60.6449**.

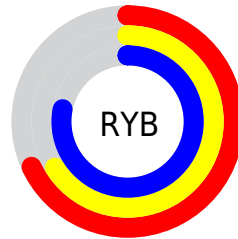
Distribution



Red (68%)

Green (66%)

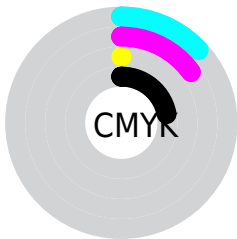
Blue (78%)



Red (68%)

Yellow (66%)

Blue (78%)

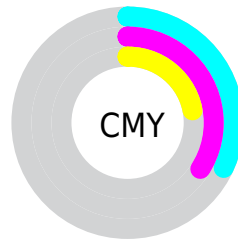


Cyan (13%)

Magenta (15%)

Yellow (0%)

Black (22%)



Cyan (32%)

Magenta (34%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.4293, 40.9667, 59.1499 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 41.4293, 40.9667, 59.1499 by changing the saturation by 10% instead.

■ 41.4293, 40.9667,
59.1499

■ 41.4293, 40.9667,
59.1499

343.1437,
350.1814, 439.1745

■ 28.8438, 28.2931,
42.3130

■ 76.6058, 76.6333,
105.1268

■ 19.1064, 18.5467,
29.0191

■ 99.9275, 100.3951,
135.1038

■ 11.8517, 11.3432,
18.8495

127.5586,
128.6218, 170.2980

■ 6.7142, 6.2982,
11.3859

159.8646,
161.6977, 211.1278

■ 3.3288, 3.0272,
6.2096

197.2107,
200.0072, 258.0118

■ 1.3299, 1.1460,
2.9021

239.9624,

■ 0.2054, 0.0169,

243.9347, 311.3686

1.0449

288.4849,
293.8646, 371.6166

■ 0.0000, 0.0000,
0.0000

■ 41.4293, 40.9667,
59.1499

■ 41.4293, 40.9667,
59.1499

■ 34.6226, 32.4391,
57.8633

■ 49.2458, 50.8432,
60.6449

■ 28.7804, 25.1966,
56.7733

■ 58.1073, 62.1185,
62.3542

■ 23.8596, 19.1780,
55.8709

■ 68.0520, 74.8462,
64.2868

■ 19.8124, 14.3150,
55.1456

■ 79.1150, 89.0755,
66.4502

■ 16.5865, 10.5326,
54.5855

■ 87.1932, 96.8573,
67.5265

■ 14.1238, 7.7466,
54.1776

■ 12.3582, 5.8604,
53.9066

■ 11.2116, 4.7570,
53.7540

■ 10.8201, 4.4005,
53.7058

Harmonies

Analogous

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



38.7469, 40.9667, 61.2579



41.4293, 40.9667, 59.1499



43.5246, 40.9667, 53.0223

Triad

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



41.4293, 40.9667, 59.1499



41.7751, 40.9667, 33.1120



33.9551, 40.9667, 44.0609

Complementary

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



41.4293, 40.9667, 59.1499



49.2556, 54.5538, 44.9815

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.



34.6848, 40.9667, 37.1307



41.4293, 40.9667, 59.1499



39.1290, 40.9667, 31.2831

Square

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



41.4293, 40.9667, 59.1499



43.7307, 40.9667, 37.9755



36.5479, 40.9667, 32.6655



34.5082, 40.9667, 51.9661

Rectangle

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



41.4293, 40.9667, 59.1499



44.2627, 40.9667, 47.8101



36.5479, 40.9667, 32.6655



34.0578, 40.9667, 41.5479

Sweetspot

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



41.4305, 40.9684, 59.1508



87.3149, 90.1733, 107.4109



45.5234, 50.7646, 60.8259



18.4645, 19.0162, 22.9473



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



41.4305, 40.9684, 59.1508



69.4155, 67.5832, 103.9940



44.8131, 42.7122, 59.3091



10.2186, 10.3710, 13.3807



7.0859, 2.8872, 34.9282



0.3883, 0.1639, 1.6563

Inverse Universe

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



46.9183, 43.8630, 56.4472



80.9079, 73.6472, 98.2317



45.7383, 52.7405, 44.8169



11.0043, 10.7851, 13.0058



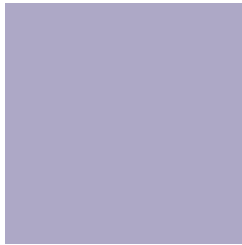
19.5897, 9.5854, 24.1127



0.9483, 0.4622, 1.2509

Previews

White Background



This preview shows how the XYZ color 41.4293, 40.9667, 59.1499 looks on a white background.

Color Contrast Check

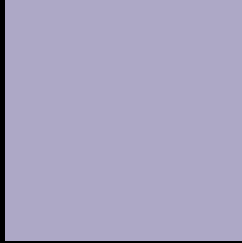
Large Text (above 18pt) WCAG AA × Fail

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 41.4293, 40.9667, 59.1499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

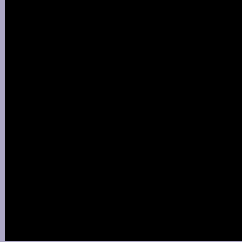
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.4293, 40.9667, 59.1499

Background



This preview shows how black text looks on a background with the XYZ color 41.4293, 40.9667, 59.1499.



This preview shows how white text looks on a background with the XYZ color 41.4293, 40.9667,

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

41.4293, 40.9667, 59.1499

Protanopia

40.4094, 40.9800, 59.8129

Deuteranopia

41.6910, 40.8286, 59.1094



Tritanopia

39.8210, 40.8681, 51.1369

Trichromacy



Original Color

41.4293, 40.9667, 59.1499

Protanomaly

40.8590, 40.9345, 59.7805

Deuteranomaly

41.4673, 40.7133, 59.0990

Tritanomaly

40.3865, 40.8207, 53.8947

Monochromacy



Original Color

41.4293, 40.9667, 59.1499

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.2400, 41.3875, 50.1237

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4293, 40.9667, 59.1499 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(173, 168, 198)` looks like.

```
.text, #text, p{  
    color:rgb(173, 168, 198)  
}
```

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(173, 168, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 168, 198) }
```

Border

The CSS property to change the border of an element to XYZ 41.4293, 40.9667, 59.1499 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(173, 168, 198) }
```


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

```
.border{ border-color:rgb(173, 168, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 168, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 168, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 168, 198);  
box-shadow:4px 4px 4px 4px rgb(173, 168,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4293, 40.9667, 59.1499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 168, 198) }
```

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

```
.background{ background-color: rgb(173,  
168, 198) }
```

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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