

Converting Colors

XYZ(41.2402, 43.4141, 59.0376)

Have a look what the booklet for
XYZ(41.2402, 43.4141, 59.0376)
contains.

XYZ(41.3172, 43.4748, 59.0372)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(41.3172, 43.4748,
59.0372)**

Conversions

Conversions Part 1

Format	Color
Hex	A5B1C5
RGB	165, 177, 197
RGB Percent	65%, 69%, 77%
CMY	0.3529, 0.3059, 0.2274
CMYK	0.16, 0.10, 0.00, 0.23
HSL	217°, 22%, 71%
HSV	217°, 16%, 77%
XYZ	41.3172, 43.4748, 59.0372
YIQ	175.6920, -13.5720, 3.6760

Conversions

Conversions Part 2

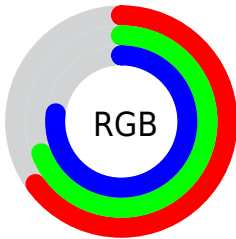
Format	Color
R _Y B	165, 174, 197
Decimal	10858949
CIE Lab	71.88, -0.01, -11.58
CIE LCh	72, 11.576, 269.935
Yxy	43.4748, 0.2873, 0.3023
Android (android.graphics.Color)	4289049029 (0xFFA5B1C5)
YUV	175.6920, 10.5048, -9.3769
Hunter-Lab	65.9354, -3.5333, -6.9322

Details

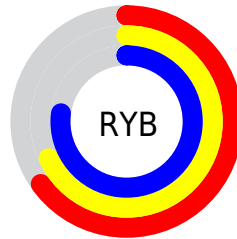
The XYZ color **41.3172, 43.4748, 59.0372** is a light color, and the websafe version is hex **999999**. A complement of this color would be **47.1668, 49.2847, 42.6251**, and the grayscale version is **41.0597, 43.1980, 47.0426**.

A 20% lighter version of the original color is **76.5435, 80.6492, 105.2985**, and **19.1016, 20.1611, 28.8713** is the 20% darker color. If you saturate the color by 10%, you get **35.2082, 36.8780, 58.0866**, and if you desaturate by 10%, it is **48.2794, 50.8394, 60.0925**.

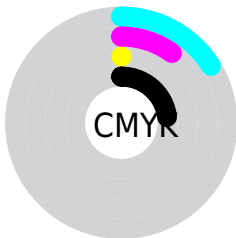
Distribution



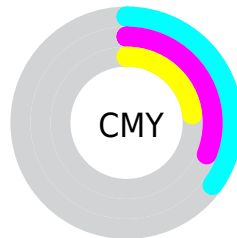
- Red (65%)
- Green (69%)
- Blue (77%)



- Red (65%)
- Yellow (68%)
- Blue (77%)



- Cyan (16%)
- Magenta (10%)
- Yellow (0%)
- Black (23%)



- Cyan (35%)
- Magenta (31%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.3172, 43.4748, 59.0372 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 41.3172, 43.4748, 59.0372 by changing the saturation by 10% instead.

■ 41.3172, 43.4748,
59.0372

■ 41.3172, 43.4748,
59.0372

342.6846,
360.5608, 438.7455

■ 28.7558, 30.2578,
42.2229

■ 76.4368, 80.4269,
104.9614

■ 19.0395, 20.0344,
28.9490

■ 99.7258, 104.9307,
134.9083

■ 11.8030, 12.4200,
18.7970

127.3213,
133.9657, 170.0698

■ 6.6809, 7.0304,
11.3483

159.5887,
167.9162, 210.8645

■ 3.3079, 3.4811,
6.1845

196.8934,
207.1665, 257.7109

■ 1.3186, 1.3878,
2.8870

239.6007,

■ 0.1971, 0.2077,

252.1011, 311.0275

1.0372

288.0760,
303.1044, 371.2328

■ 0.0000, 0.0000,
0.0000

■ 41.3172, 43.4748,
59.0372

■ 41.3172, 43.4748,
59.0372

■ 35.2082, 36.8780,
58.0866

■ 48.2794, 50.8394,
60.0925

■ 29.9140, 31.0172,
57.2343

■ 56.1233, 58.9914,
61.2525

■ 25.3987, 25.8661,
56.4781

■ 64.8811, 67.9563,
62.5214

■ 21.6223, 21.3948,
55.8141

■ 74.5818, 77.7570,
63.9018

■ 18.5408, 17.5709,
55.2384

■ 82.0560, 86.7668,
65.2469

■ 16.1052, 14.3586,
54.7467

■ 85.7751, 94.2050,
66.4866

■ 14.2590, 11.7180,
54.3343

■ 87.0782, 96.8113,
66.9210

■ 12.9319, 9.6012,
53.9957

■ 12.5196, 8.9141,
53.8848

Harmonies

Analogous

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



39.4524, 43.4748, 57.3619



41.3172, 43.4748, 59.0372



43.2411, 43.4748, 57.3759

Triad

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



41.3172, 43.4748, 59.0372



44.6924, 43.4748, 42.1259



38.1285, 43.4748, 42.1062

Complementary

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



41.3172, 43.4748, 59.0372



47.1668, 49.2847, 42.6251

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.



39.4596, 43.4748, 38.5427



41.3172, 43.4748, 59.0372



43.2487, 43.4748, 38.5534

Square

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



41.3172, 43.4748, 59.0372



45.2271, 43.4748, 47.3490



41.3258, 43.4748, 37.2942



37.6475, 43.4748, 47.3244

Rectangle

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



41.3172, 43.4748, 59.0372



44.2893, 43.4748, 54.6697



41.3258, 43.4748, 37.2942



38.4893, 43.4748, 40.6906

Sweetspot

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



41.3185, 43.4766, 59.0382



88.0244, 92.6827, 107.8579



44.2129, 51.4242, 53.3479



18.6366, 19.6241, 23.0555



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.



41.3185, 43.4766, 59.0382



70.5067, 74.1210, 105.1984



39.8390, 39.3479, 58.3192



10.3772, 10.9284, 13.4800



8.3089, 6.0116, 35.4668



0.4628, 0.4235, 1.7025

Inverse Universe

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



44.4179, 41.9559, 47.3542



76.9967, 71.0890, 80.6990



48.8189, 54.0225, 43.4525



10.7957, 10.7017, 11.9072



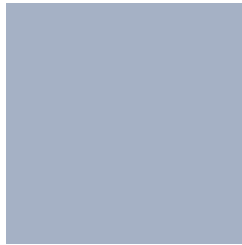
15.9933, 8.1469, 5.1744



0.7923, 0.3998, 0.4295

Previews

White Background



This preview shows how the XYZ color 41.3172, 43.4748, 59.0372 looks on a white background.

Color Contrast Check

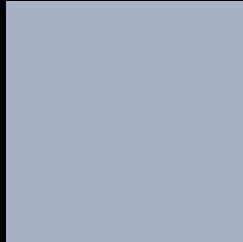
Large Text (above 18pt) WCAG AA × Fail

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 41.3172, 43.4748, 59.0372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

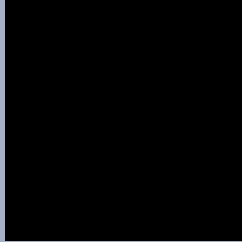
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

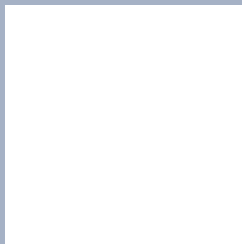
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.3172, 43.4748, 59.0372

Background



This preview shows how black text looks on a background with the XYZ color 41.3172, 43.4748, 59.0372.



This preview shows how white text looks on a background with the XYZ color 41.3172, 43.4748,

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

41.3172, 43.4748, 59.0372

Protanopia

42.5274, 43.5297, 58.3852

Deuteranopia

44.2844, 43.2703, 59.4440



Tritanopia

40.7447, 43.5391, 56.1256

Trichromacy



Original Color

41.3172, 43.4748, 59.0372

Protanomaly

42.0667, 43.5822, 58.4196

Deuteranomaly

43.0411, 43.1945, 59.4949

Tritanomaly

40.9678, 43.6283, 57.3008

Monochromacy



Original Color

41.3172, 43.4748, 59.0372

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.1903, 43.2820, 51.5307

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3172, 43.4748, 59.0372 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(165, 177, 197)` looks like.

```
.text, #text, p{  
    color:rgb(165, 177, 197)  
}
```

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(165, 177, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 177, 197) }
```

Border

The CSS property to change the border of an element to XYZ 41.3172, 43.4748, 59.0372 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(165, 177, 197) }
```


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

```
.border{ border-color:rgb(165, 177, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 177, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 177, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 177, 197);  
box-shadow:4px 4px 4px 4px rgb(165, 177,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3172, 43.4748, 59.0372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 177, 197) }
```

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

```
.background{ background-color: rgb(165,  
177, 197) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor