

Converting Colors

XYZ(39.9672, 41.1308, 53.4448)

Have a look what the booklet for
XYZ(39.9672, 41.1308, 53.4448)
contains.

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Color

**XYZ(40.0022, 41.1917,
53.4194)**

Conversions

Conversions Part 1

Format	Color
Hex	A9ABBC
RGB	169, 171, 188
RGB Percent	66%, 67%, 74%
CMY	0.3372, 0.3294, 0.2627
CMYK	0.10, 0.09, 0.00, 0.26
HSL	234°, 12%, 70%
HSV	234°, 10%, 74%
XYZ	40.0022, 41.1917, 53.4194
YIQ	172.3400, -6.6490, 4.8630

Conversions

Conversions Part 2

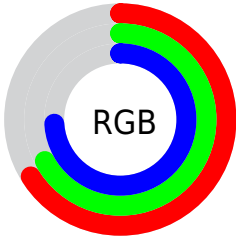
Format	Color
R _Y B	169, 171, 188
Decimal	11119548
CIE Lab	70.31, 2.68, -8.93
CIE LCh	70, 9.322, 286.677
Yxy	41.1917, 0.2972, 0.3060
Android (android.graphics.Color)	4289309628 (0xFFA9ABBC)
YUV	172.3400, 7.7204, -2.9292
Hunter-Lab	64.1808, -1.0619, -4.4222

Details

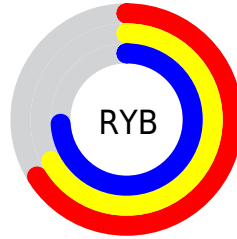
The XYZ color **40.0022, 41.1917, 53.4194** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.4595, 48.6734, 44.5358**, and the grayscale version is **39.3504, 41.3997, 45.0843**.

A 20% lighter version of the original color is **74.2660, 76.7717, 96.4921**, and **18.3061, 18.7248, 25.5711** is the 20% darker color. If you saturate the color by 10%, you get **33.2782, 33.3065, 52.2524**, and if you desaturate by 10%, it is **47.7128, 50.1878, 54.7501**.

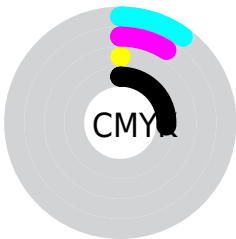
Distribution



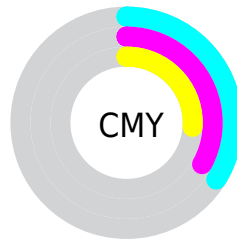
- Red (66%)
- Green (67%)
- Blue (74%)



- Red (66%)
- Yellow (67%)
- Blue (74%)



- Cyan (10%)
- Magenta (9%)
- Yellow (0%)
- Black (26%)



- Cyan (34%)
- Magenta (33%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.0022, 41.1917, 53.4194 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 40.0022, 41.1917, 53.4194 by changing the saturation by 10% instead.

■ 40.0022, 41.1917,
53.4194

■ 40.0022, 41.1917,
53.4194

337.2671,
351.1212, 417.0040

■ 27.7245, 28.4689,
37.7477

■ 74.4512, 76.9748,
96.6690

■ 18.2575, 18.6794,
25.4866

■ 97.3532, 100.8039,
125.0840

■ 11.2358, 11.4389,
16.2176

124.5273,
129.1039, 158.5838

■ 6.2941, 6.3628,
9.5223

156.3388,
162.2592, 197.5869

■ 3.0671, 3.0669,
4.9819

193.1533,
200.6542, 242.5120

■ 1.1893, 1.1668,
2.1781

235.3359,

■ 0.0979, 0.0343,

244.6733, 293.7775

0.6617

283.2520,
294.7008, 351.8020

■ 0.0000, 0.0000,
0.0000

■ 40.0022, 41.1917,
53.4194

■ 40.0022, 41.1917,
53.4194

■ 33.2782, 33.3065,
52.2524

■ 47.7128, 50.1878,
54.7501

■ 27.4975, 26.4841,
51.2403

■ 56.4438, 60.3302,
56.2476

■ 22.6187, 20.6804,
50.3772

■ 66.2321, 71.6593,
57.9184

■ 18.5961, 15.8463,
49.6561

■ 77.1113, 84.2116,
59.7679

■ 15.3799, 11.9287,
49.0695

■ 86.0772, 96.4109,
61.6500

■ 12.9153, 8.8693,
48.6088

■ 11.1402, 6.6029,
48.2649

■ 9.9828, 5.0548,
48.0271

■ 9.3241, 4.1247,
47.8823

Harmonies

Analogous

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



38.4772, 41.1917, 53.5630



40.0022, 41.1917, 53.4194



41.3319, 41.1917, 50.8860

Triad

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



40.0022, 41.1917, 53.4194



41.2057, 41.1917, 38.9939



36.3568, 41.1917, 42.9364

Complementary

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



40.0022, 41.1917, 53.4194



45.4595, 48.6734, 44.5358

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.



37.0491, 41.1917, 39.3126



40.0022, 41.1917, 53.4194



39.8336, 41.1917, 37.1385

Square

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



40.0022, 41.1917, 53.4194



42.0390, 41.1917, 42.4750



38.3129, 41.1917, 37.2512



36.3993, 41.1917, 47.3135

Rectangle

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



40.0022, 41.1917, 53.4194



41.9168, 41.1917, 48.2713



38.3129, 41.1917, 37.2512



36.5105, 41.1917, 41.5958

Sweetspot

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



40.0034, 41.1934, 53.4203



82.1700, 85.9466, 98.4847



43.1860, 47.9381, 53.3112



17.4225, 18.1936, 21.1360



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.



40.0034, 41.1934, 53.4203



69.8064, 71.5047, 96.3488



41.2344, 41.2707, 53.3704



9.0953, 9.3829, 12.0039



6.3754, 2.8626, 32.6094



0.2771, 0.1668, 1.2865

Inverse Universe

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



42.2786, 42.0085, 44.4102



74.7181, 73.2829, 76.8940



44.1350, 48.6212, 44.5956



9.5699, 9.5523, 10.1244



14.2188, 7.3187, 1.1798



0.5708, 0.2922, 0.1189

Previews

White Background



This preview shows how the XYZ color 40.0022, 41.1917, 53.4194 looks on a white background.

Color Contrast Check

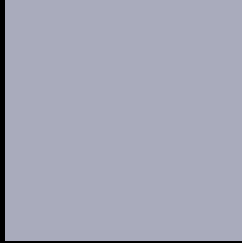
Large Text (above 18pt) WCAG AA × Fail

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 40.0022, 41.1917, 53.4194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

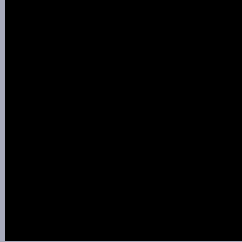
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.0022, 41.1917, 53.4194

Background



This preview shows how black text looks on a background with the XYZ color 40.0022, 41.1917, 53.4194.



This preview shows how white text looks on a background with the XYZ color 40.0022, 41.1917,

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

40.0022, 41.1917, 53.4194

Protanopia

40.2176, 41.3027, 53.4295

Deuteranopia

42.0601, 41.1353, 53.8672



Tritanopia

39.6821, 41.0636, 51.7335

Trichromacy



Original Color

40.0022, 41.1917, 53.4194

Protanomaly

40.2176, 41.3027, 53.4295

Deuteranomaly

41.3194, 41.0265, 53.8853

Tritanomaly

39.7880, 41.1060, 52.2916

Monochromacy



Original Color

40.0022, 41.1917, 53.4194

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.5830, 41.3773, 48.0199

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.0022, 41.1917, 53.4194 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, 171, 188)` looks like.

```
.text, #text, p{  
    color:rgb(169, 171, 188)  
}
```

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, 171, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 171, 188) }
```

Border

The CSS property to change the border of an element to XYZ 40.0022, 41.1917, 53.4194 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, 171, 188) }
```


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

```
.border{ border-color:rgb(169, 171, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 171, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 171, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 171, 188);  
box-shadow:4px 4px 4px 4px rgb(169, 171,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 40.0022, 41.1917, 53.4194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 171, 188) }
```

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

```
.background{ background-color: rgb(169,  
171, 188) }
```

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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