

Converting Colors

XYZ(40.9073, 42.5179, 53.0689)

Have a look what the booklet for
XYZ(40.9073, 42.5179, 53.0689)
contains.

XYZ(40.9003, 42.5179, 53.0648)	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(40.9003, 42.5179,
53.0648)**

Conversions

Conversions Part 1

Format	Color
Hex	ABAEBB
RGB	171, 174, 187
RGB Percent	67%, 68%, 73%
CMY	0.3294, 0.3176, 0.2667
CMYK	0.09, 0.07, 0.00, 0.27
HSL	229°, 11%, 70%
HSV	229°, 9%, 73%
XYZ	40.9003, 42.5179, 53.0648
YIQ	174.5850, -5.9610, 3.4070

Conversions

Conversions Part 2

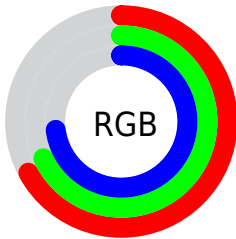
Format	Color
R _Y B	171, 174, 187
Decimal	11251387
CIE Lab	71.23, 1.51, -7.00
CIE LCh	71, 7.161, 282.160
Yxy	42.5179, 0.2997, 0.3115
Android (android.graphics.Color)	4289441467 (0xFFABAEBB)
YUV	174.5850, 6.1206, -3.1440
Hunter-Lab	65.2058, -2.1460, -2.6065

Details

The XYZ color **40.9003, 42.5179, 53.0648** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.9849, 47.7857, 45.3815**, and the grayscale version is **40.5059, 42.6153, 46.4081**.

A 20% lighter version of the original color is **75.5610, 78.6784, 95.9980**, and **18.8704, 19.5622, 25.3356** is the 20% darker color. If you saturate the color by 10%, you get **34.3412, 35.0245, 51.9648**, and if you desaturate by 10%, it is **48.3701, 50.9758, 54.3043**.

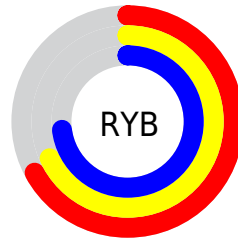
Distribution



Red (67%)

Green (68%)

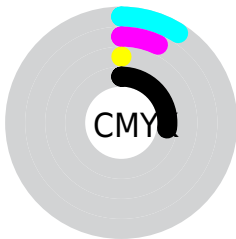
Blue (73%)



Red (67%)

Yellow (68%)

Blue (73%)

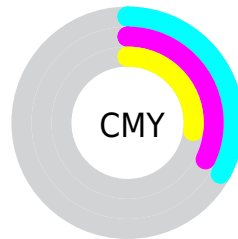


Cyan (9%)

Magenta (7%)

Yellow (0%)

Black (27%)



Cyan (33%)

Magenta (32%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.9003, 42.5179, 53.0648 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 40.9003, 42.5179, 53.0648 by changing the saturation by 10% instead.

■ 40.9003, 42.5179,
53.0648

■ 40.9003, 42.5179,
53.0648

340.9735,
356.6254, 415.6070

■ 28.4285, 29.5070,
37.4664

■ 75.8082, 78.9828,
96.1422

■ 18.7910, 19.4647,
25.2702

98.9750, 103.2057,
124.4584

■ 11.6225, 12.0066,
16.0576

126.4375,
131.9347, 157.8508

■ 6.5575, 6.7481,
9.4102

158.5611,
165.5542, 196.7382

■ 3.2308, 3.3051,
4.9092

195.7112,
204.4487, 241.5389

■ 1.2770, 1.2930,
2.1363

238.2530,

■ 0.1659, 0.1358,

249.0024, 292.6716

0.6372

286.5520,
299.5998, 350.5548

■ 0.0000, 0.0000,
0.0000

■ 40.9003, 42.5179,
53.0648

■ 40.9003, 42.5179,
53.0648

■ 34.3412, 35.0245,
51.9648

■ 48.3701, 50.9758,
54.3043

■ 28.6540, 28.4558,
50.9967

■ 56.7800, 60.4255,
55.6850

■ 23.8026, 22.7772,
50.1563

■ 66.1628, 70.8999,
57.2123

■ 19.7468, 17.9496,
49.4382

■ 76.5483, 82.4287,
58.8902

■ 16.4432, 13.9313,
48.8367

■ 84.3825, 93.1934,
60.5550

■ 13.8441, 10.6765,
48.3455

■ 85.9698, 96.3679,
61.0841

■ 11.8958, 8.1352,
47.9576

■ 10.5370, 6.2505,
47.6655

■ 9.6741, 4.9463,
47.4592

Harmonies

Analogous

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



39.7087, 42.5179, 52.8792



40.9003, 42.5179, 53.0648



41.9817, 42.5179, 51.3718

Triad

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



40.9003, 42.5179, 53.0648



42.1479, 42.5179, 41.9966



38.2536, 42.5179, 44.2982

Complementary

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



40.9003, 42.5179, 53.0648



44.9849, 47.7857, 45.3815

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.



38.8819, 42.5179, 41.5638



40.9003, 42.5179, 53.0648



41.1235, 42.5179, 40.2809

Square

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



40.9003, 42.5179, 53.0648



42.7115, 42.5179, 44.9158



39.9276, 42.5179, 40.1265



38.1965, 42.5179, 47.7017

Rectangle

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



40.9003, 42.5179, 53.0648



42.4883, 42.5179, 49.4522



39.9276, 42.5179, 40.1265



38.4044, 42.5179, 43.2747

Sweetspot

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



40.9015, 42.5197, 53.0657



80.4150, 84.2755, 96.2299



43.1964, 47.6516, 52.1592



17.4701, 18.2887, 21.1519



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.



40.9015, 42.5197, 53.0657



71.2587, 73.8815, 94.7062



41.3926, 41.9213, 52.9244



9.1575, 9.5073, 12.0247



6.6361, 3.3839, 32.6963



0.3044, 0.2215, 1.2956

Inverse Universe

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



42.6974, 42.7475, 46.0472



75.0432, 74.3819, 79.9111



44.4604, 48.4511, 45.5376



9.6014, 9.5648, 10.2898



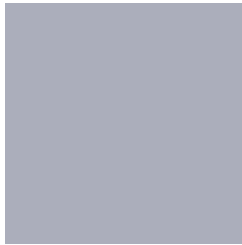
14.3504, 7.3713, 1.8727



0.5846, 0.2977, 0.1916

Previews

White Background



This preview shows how the XYZ color 40.9003, 42.5179, 53.0648 looks on a white background.

Color Contrast Check

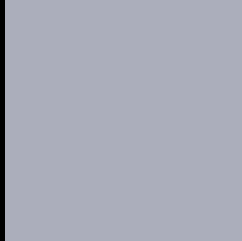
Large Text (above 18pt) WCAG AA × Fail

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 40.9003, 42.5179, 53.0648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

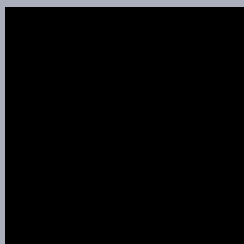
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

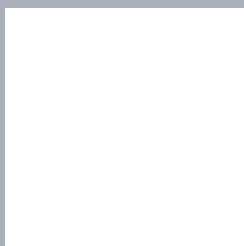
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.9003, 42.5179, 53.0648

Background



This preview shows how black text looks on a background with the XYZ color 40.9003, 42.5179, 53.0648.

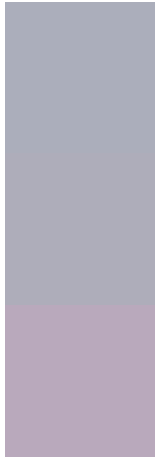


This preview shows how white text looks on a background with the XYZ color 40.9003, 42.5179,

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

40.9003, 42.5179, 53.0648

Protanopia

41.2621, 42.4310, 52.4696

Deuteranopia

43.2727, 42.3211, 53.4650



Tritanopia

41.0077, 42.5609, 53.6307

Trichromacy



Original Color

40.9003, 42.5179, 53.0648

Protanomaly

41.0401, 42.3165, 52.4592

Deuteranomaly

42.4624, 42.4600, 53.5345

Tritanomaly

41.0077, 42.5609, 53.6307

Monochromacy



Original Color

40.9003, 42.5179, 53.0648

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.9222, 42.9133, 48.7741

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.9003, 42.5179, 53.0648 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(171, 174, 187)` looks like.

```
.text, #text, p{  
    color:rgb(171, 174, 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(171, 174, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 174, 187) }
```

Border

The CSS property to change the border of an element to XYZ 40.9003, 42.5179, 53.0648 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(171, 174, 187) }
```


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

```
.border{ border-color:rgb(171, 174, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 174, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 174, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 174, 187);  
box-shadow:4px 4px 4px 4px rgb(171, 174,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 40.9003, 42.5179, 53.0648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 174, 187) }
```

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

```
.background{ background-color: rgb(171,  
174, 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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