

Converting Colors

XYZ(41.3611, 42.6435, 53.2938)

Have a look what the booklet for
XYZ(41.3611, 42.6435, 53.2938)
contains.

XYZ(41.3393, 42.7442, 53.0853)	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(41.3393, 42.7442,
53.0853)**

Conversions

Conversions Part 1

Format	Color
Hex	ADAEBB
RGB	173, 174, 187
RGB Percent	68%, 68%, 73%
CMY	0.3216, 0.3176, 0.2667
CMYK	0.07, 0.07, 0.00, 0.27
HSL	236°, 9%, 71%
HSV	236°, 7%, 73%
XYZ	41.3393, 42.7442, 53.0853
YIQ	175.1830, -4.7690, 3.8310

Conversions

Conversions Part 2

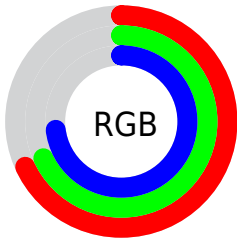
Format	Color
RYB	173, 174, 187
Decimal	11382459
CIELab	71.38, 2.19, -6.75
CIELCh	71, 7.100, 287.952
Yxy	42.7442, 0.3014, 0.3116
Android (android.graphics.Color)	4289572539 (0xFFADAEBB)
YUV	175.1830, 5.8258, -1.9145
Hunter-Lab	65.3790, -1.5474, -2.3759

Details

The XYZ color **41.3393, 42.7442, 53.0853** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.5954, 48.6994, 46.5328**, and the grayscale version is **40.8159, 42.9415, 46.7633**.

A 20% lighter version of the original color is **76.1919, 79.0037, 96.0275**, and **19.1478, 19.7052, 25.3486** is the 20% darker color. If you saturate the color by 10%, you get **34.3503, 34.4808, 51.8593**, and if you desaturate by 10%, it is **49.3431, 52.1766, 54.4847**.

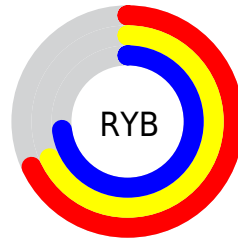
Distribution



Red (68%)

Green (68%)

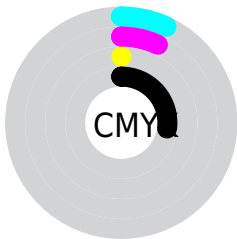
Blue (73%)



Red (68%)

Yellow (68%)

Blue (73%)

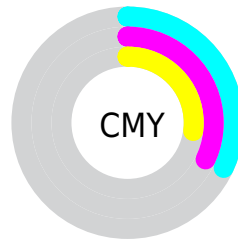


Cyan (7%)

Magenta (7%)

Yellow (0%)

Black (27%)



Cyan (32%)

Magenta (32%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.3393, 42.7442, 53.0853 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 41.3393, 42.7442, 53.0853 by changing the saturation by 10% instead.

■ 41.3393, 42.7442,
53.0853

■ 41.3393, 42.7442,
53.0853

342.7751,
357.5587, 415.6879

■ 28.7731, 29.6845,
37.4827

■ 76.4702, 79.3247,
96.1727

■ 19.0527, 19.5992,
25.2827

99.7656, 103.6143,
124.4945

■ 11.8126, 12.1040,
16.0669

127.3681,
132.4159, 157.8932

■ 6.6875, 6.8146,
9.4166

159.6431,
166.1140, 196.7873

■ 3.3120, 3.3464,
4.9134

196.9560,
205.0929, 241.5952

■ 1.3208, 1.3151,
2.1387

239.6720,

■ 0.1987, 0.1529,

249.7371, 292.7356

0.6387

288.1566,
300.4309, 350.6270

■ 0.0000, 0.0000,
0.0000

■ 41.3393, 42.7442,
53.0853

■ 41.3393, 42.7442,
53.0853

■ 34.3503, 34.4808,
51.8593

■ 49.3431, 52.1766,
54.4847

■ 28.3320, 27.3358,
50.7974

■ 58.3961, 62.8154,
56.0611

■ 23.2424, 21.2625,
49.8934

■ 68.5356, 74.7031,
57.8212

■ 19.0353, 16.2094,
49.1398

■ 79.7961, 87.8783,
59.7708

■ 15.6603, 12.1203,
48.5284

■ 85.9698, 96.3679,
61.0841

■ 13.0620, 8.9337,
48.0502

■ 11.1781, 6.5810,
47.6954

■ 9.9368, 4.9837,
47.4525

■ 9.2409, 4.0429,
47.3076

Harmonies

Analogous

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



40.1494, 42.7442, 53.2770



41.3393, 42.7442, 53.0853



42.3571, 42.7442, 51.0885

Triad

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



41.3393, 42.7442, 53.0853



42.1853, 42.7442, 41.8242



38.4214, 42.7442, 45.1812

Complementary

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



41.3393, 42.7442, 53.0853



45.5954, 48.6994, 46.5328

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.



38.9448, 42.7442, 42.2720



41.3393, 42.7442, 53.0853



41.1085, 42.7442, 40.3985

Square

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



41.3393, 42.7442, 53.0853



42.8521, 42.7442, 44.5425



39.9231, 42.7442, 40.5582



38.4805, 42.7442, 48.5987

Rectangle

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



41.3393, 42.7442, 53.0853



42.7939, 42.7442, 49.0550



39.9231, 42.7442, 40.5582



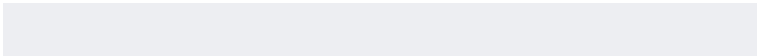
38.5347, 42.7442, 44.1147

Sweetspot

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



41.3406, 42.7460, 53.0862



81.6274, 85.5049, 96.4033



43.8498, 47.9637, 53.3089



18.0086, 18.8683, 21.2354



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.



41.3406, 42.7460, 53.0862



71.8390, 73.9585, 94.6905



42.4659, 43.0397, 53.0836



9.0699, 9.3321, 11.9955



6.3035, 2.7188, 32.5855



0.2659, 0.1444, 1.2827

Inverse Universe

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



43.0781, 43.5089, 46.1741



75.6006, 75.6175, 79.7243



44.4090, 48.4024, 46.5380



9.5571, 9.5472, 10.0569



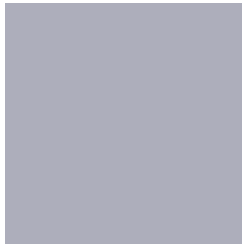
14.1825, 7.3042, 0.9888



0.5651, 0.2899, 0.0891

Previews

White Background



This preview shows how the XYZ color 41.3393, 42.7442, 53.0853 looks on a white background.

Color Contrast Check

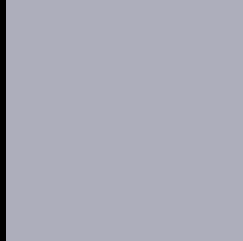
Large Text (above 18pt) WCAG AA × Fail

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 41.3393, 42.7442, 53.0853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

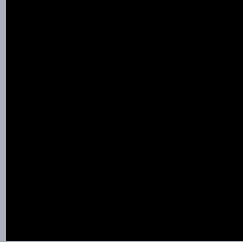
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

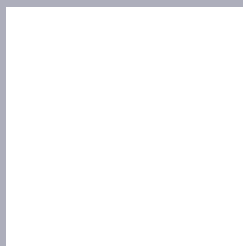
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.3393, 42.7442, 53.0853

Background



This preview shows how black text looks on a background with the XYZ color 41.3393, 42.7442, 53.0853.

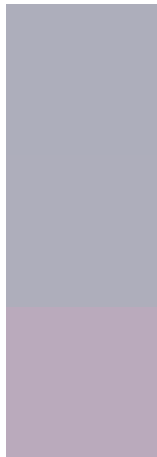


This preview shows how white text looks on a background with the XYZ color 41.3393, 42.7442,

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

41.3393, 42.7442, 53.0853

Protanopia

41.5613, 42.8586, 53.0957

Deuteranopia

43.7015, 42.8194, 53.5386



Tritanopia

41.4467, 42.7872, 53.6512

Trichromacy



Original Color

41.3393, 42.7442, 53.0853

Protanomaly

41.5613, 42.8586, 53.0957

Deuteranomaly

42.6961, 42.5804, 53.5455

Tritanomaly

41.4467, 42.7872, 53.6512

Monochromacy



Original Color

41.3393, 42.7442, 53.0853

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 41.3393, 42.7442, 53.0853 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, 174, 187)` looks like.

```
.text, #text, p{  
    color:rgb(173, 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(173, 174, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 174, 187) }
```

Border

The CSS property to change the border of an element to XYZ 41.3393, 42.7442, 53.0853 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, 174, 187) }
```


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

```
.border{ border-color:rgb(173, 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(173, 174, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 174, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 174, 187);  
box-shadow:4px 4px 4px 4px rgb(173, 174,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3393, 42.7442, 53.0853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 174, 187) }
```

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

```
.background{ background-color: rgb(173,  
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](#).

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