

Converting Colors

XYZ(41.2960, 43.6159, 52.4948)

Have a look what the booklet for
XYZ(41.2960, 43.6159, 52.4948)
contains.

XYZ(41.3797, 43.6474, 52.6982)	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(41.3797, 43.6474,
52.6982)**

Conversions

Conversions Part 1

Format	Color
Hex	ABB1BA
RGB	171, 177, 186
RGB Percent	67%, 69%, 73%
CMY	0.3294, 0.3059, 0.2706
CMYK	0.08, 0.05, 0.00, 0.27
HSL	216°, 10%, 70%
HSV	216°, 8%, 73%
XYZ	41.3797, 43.6474, 52.6982
YIQ	176.2320, -6.4650, 1.5270

Conversions

Conversions Part 2

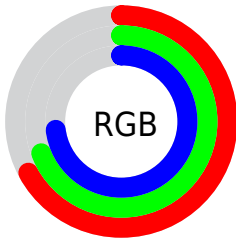
Format	Color
RYB	171, 175, 186
Decimal	11252154
CIELab	71.99, -0.32, -5.32
CIElCh	72, 5.326, 266.525
Yxy	43.6474, 0.3005, 0.3169
Android (android.graphics.Color)	4289442234 (0xFFABB1BA)
YUV	176.2320, 4.8156, -4.5885
Hunter-Lab	66.0662, -3.8146, -1.0468

Details

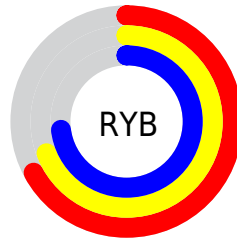
The XYZ color **41.3797, 43.6474, 52.6982** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.9219, 46.0216, 45.0971**, and the grayscale version is **41.3670, 43.5213, 47.3947**.

A 20% lighter version of the original color is **76.5300, 80.8574, 95.5779**, and **19.0490, 20.0307, 25.0526** is the 20% darker color. If you saturate the color by 10%, you get **35.4957, 37.4764, 51.8179**, and if you desaturate by 10%, it is **48.0166, 50.4764, 53.6672**.

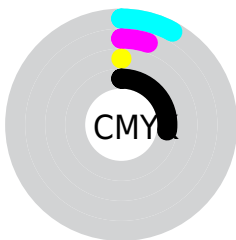
Distribution



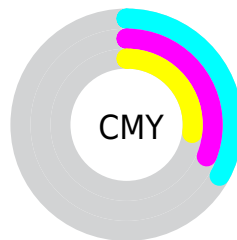
- Red (67%)
- Green (69%)
- Blue (73%)



- Red (67%)
- Yellow (69%)
- Blue (73%)



- Cyan (8%)
- Magenta (5%)
- Yellow (0%)
- Black (27%)



- Cyan (33%)
- Magenta (31%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.3797, 43.6474, 52.6982 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 41.3797, 43.6474, 52.6982 by changing the saturation by 10% instead.

■ 41.3797, 43.6474,
52.6982

■ 41.3797, 43.6474,
52.6982

342.9406,
361.2675, 414.1596

■ 28.8049, 30.3934,
37.1758

■ 76.5310, 80.6869,
95.5972

■ 19.0768, 20.1374,
25.0468

99.8382, 105.2412,
123.8108

■ 11.8301, 12.4949,
15.8926

127.4536,
134.3311, 157.0920

■ 6.6995, 7.0817,
9.2946

159.7425,
168.3409, 195.8593

■ 3.3195, 3.5132,
4.8344

197.0703,
207.6550, 240.5311

■ 1.3249, 1.4052,
2.0934

239.8024,

■ 0.2017, 0.2205,

252.6579, 291.5261

0.6118

288.3040,
303.7339, 349.2627

■ 0.0000, 0.0000,
0.0000

■ 41.3797, 43.6474,
52.6982

■ 41.3797, 43.6474,
52.6982

■ 35.4957, 37.4764,
51.8179

■ 48.0166, 50.4764,
53.6672

■ 30.3328, 31.9370,
51.0208

■ 55.4289, 57.9777,
54.7244

■ 25.8625, 27.0092,
50.3052

■ 63.6432, 66.1719,
55.8731

■ 22.0529, 22.6696,
49.6684

■ 72.6833, 75.0772,
57.1156

■ 18.8691, 18.8932,
49.1073

■ 79.1821, 82.9634,
58.2952

■ 16.2733, 15.6527,
48.6186

■ 82.4373, 89.4737,
59.3803

■ 14.2225, 12.9184,
48.1989

■ 85.8631, 96.3252,
60.5222

■ 12.6675, 10.6564,
47.8443

■ 11.5335, 8.8193,
47.5494

Harmonies

Analogous

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



40.5289, 43.6474, 51.8234



41.3797, 43.6474, 52.6982



42.2710, 43.6474, 52.1455

Triad

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



41.3797, 43.6474, 52.6982



43.0691, 43.6474, 45.3240



40.0446, 43.6474, 44.8167

Complementary

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



41.3797, 43.6474, 52.6982



43.9219, 46.0216, 45.0971

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.



40.7099, 43.6474, 43.1851



41.3797, 43.6474, 52.6982



42.4571, 43.6474, 43.4703

Square

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



41.3797, 43.6474, 52.6982



43.2547, 43.6474, 47.8286



41.5916, 43.6474, 42.7012



39.7653, 43.6474, 47.2219

Rectangle

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



41.3797, 43.6474, 52.6982



42.7669, 43.6474, 51.0525



41.5916, 43.6474, 42.7012



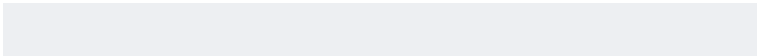
40.2301, 43.6474, 44.1631

Sweetspot

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



41.3810, 43.6492, 52.6992



82.0923, 86.4347, 96.5582



42.5670, 47.0616, 49.8876



18.1058, 19.0628, 21.2678



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.



41.3810, 43.6492, 52.6992



72.6517, 76.6675, 95.1706



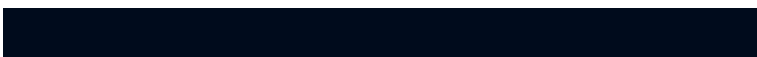
40.4949, 41.4709, 52.3254



8.8082, 9.2935, 11.4090



7.6988, 5.8572, 31.9779



0.3325, 0.3286, 1.1477

Inverse Universe

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



42.7494, 42.7402, 47.5937



75.7463, 74.6631, 83.6137



44.8576, 48.3420, 45.4956



9.1495, 9.0702, 10.1347



14.4997, 7.3736, 5.2520



0.5420, 0.2723, 0.3475

Previews

White Background



This preview shows how the XYZ color 41.3797, 43.6474, 52.6982 looks on a white background.

Color Contrast Check

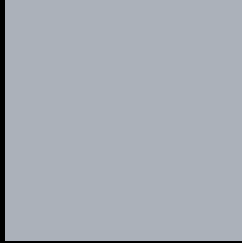
Large Text (above 18pt) WCAG AA × Fail

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 41.3797, 43.6474, 52.6982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

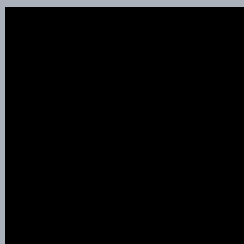
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

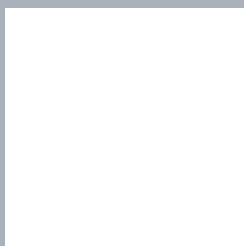
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.3797, 43.6474, 52.6982

Background



This preview shows how black text looks on a background with the XYZ color 41.3797, 43.6474, 52.6982.



This preview shows how white text looks on a background with the XYZ color 41.3797, 43.6474,

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

41.3797, 43.6474, 52.6982

Protanopia

42.2184, 43.5098, 52.0720

Deuteranopia

44.2716, 43.4050, 53.0584



Tritanopia

41.8329, 43.5390, 54.9142

Trichromacy



Original Color

41.3797, 43.6474, 52.6982

Protanomaly

41.9615, 43.6674, 52.1160

Deuteranomaly

43.2046, 43.4201, 53.1175

Tritanomaly

41.7239, 43.4954, 54.3405

Monochromacy



Original Color

41.3797, 43.6474, 52.6982

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.2191, 43.3446, 49.3739

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3797, 43.6474, 52.6982 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, 177, 186)` looks like.

```
.text, #text, p{  
    color:rgb(171, 177, 186)  
}
```

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, 177, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 177, 186) }
```

Border

The CSS property to change the border of an element to XYZ 41.3797, 43.6474, 52.6982 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, 177, 186) }
```


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

```
.border{ border-color:rgb(171, 177, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 177, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 177, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 177, 186);  
box-shadow:4px 4px 4px 4px rgb(171, 177,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3797, 43.6474, 52.6982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 177, 186) }
```

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

```
.background{ background-color: rgb(171,  
177, 186) }
```

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