

Converting Colors

XYZ(41.5361, 43.9923, 52.8733)

Have a look what the booklet for
XYZ(41.5361, 43.9923, 52.8733)
contains.

XYZ(41.5779, 44.0439, 52.7643)	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(41.5779, 44.0439,
52.7643)**

Conversions

Conversions Part 1

Format	Color
Hex	ABB2BA
RGB	171, 178, 186
RGB Percent	67%, 70%, 73%
CMY	0.3294, 0.3019, 0.2706
CMYK	0.08, 0.04, 0.00, 0.27
HSL	212°, 10%, 70%
HSV	212°, 8%, 73%
XYZ	41.5779, 44.0439, 52.7643
YIQ	176.8190, -6.7400, 1.0040

Conversions

Conversions Part 2

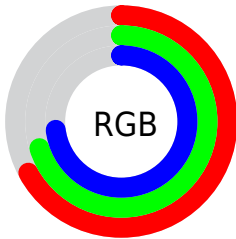
Format	Color
R _Y B	171, 176, 186
Decimal	11252410
CIE Lab	72.26, -0.86, -4.92
CIE LCh	72, 4.999, 260.051
Yxy	44.0439, 0.3004, 0.3183
Android (android.graphics.Color)	4289442490 (0xFFABB2BA)
YUV	176.8190, 4.5262, -5.1033
Hunter-Lab	66.3656, -4.3099, -0.6829

Details

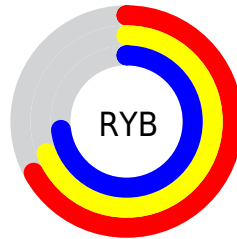
The XYZ color **41.5779, 44.0439, 52.7643** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.7206, 45.6192, 45.0299**, and the grayscale version is **41.6756, 43.8460, 47.7483**.

A 20% lighter version of the original color is **76.8139, 81.4252, 95.6725**, and **19.1750, 20.2826, 25.0946** is the 20% darker color. If you saturate the color by 10%, you get **35.9060, 38.2970, 51.9547**, and if you desaturate by 10%, it is **47.9652, 50.3737, 53.6501**.

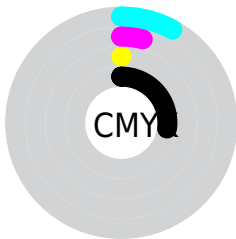
Distribution



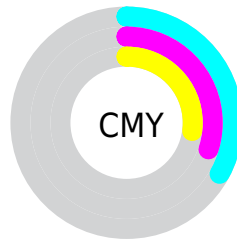
- Red (67%)
- Green (70%)
- Blue (73%)



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



- Cyan (8%)
- Magenta (4%)
- Yellow (0%)
- Black (27%)



- Cyan (33%)
- Magenta (30%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.5779, 44.0439, 52.7643 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 41.5779, 44.0439, 52.7643 by changing the saturation by 10% instead.

■ 41.5779, 44.0439,
52.7643

■ 41.5779, 44.0439,
52.7643

343.7516,
362.8874, 414.4208

■ 28.9606, 30.7050,
37.2282

■ 76.8296, 81.2838,
95.6955

■ 19.1951, 20.3743,
25.0871

100.1946,
105.9536, 123.9276

■ 11.9162, 12.6674,
15.9223

127.8730,
135.1692, 157.2289

■ 6.7584, 7.1999,
9.3154

160.2300,
169.3149, 196.0178

■ 3.3565, 3.5875,
4.8479

197.6310,
208.7752, 240.7129

■ 1.3450, 1.4456,
2.1011

240.4414,

■ 0.2165, 0.2500,

253.9345, 291.7328

0.6164

289.0265,
305.1771, 349.4959

■ 0.0000, 0.0000,
0.0000

■ 41.5779, 44.0439,
52.7643

■ 41.5779, 44.0439,
52.7643

■ 35.9060, 38.2970,
51.9547

■ 47.9652, 50.3737,
53.6501

■ 30.9190, 33.1094,
51.2162

■ 55.0891, 57.2982,
54.6112

■ 26.5896, 28.4635,
50.5476

■ 62.9750, 64.8357,
55.6504

■ 22.8874, 24.3388,
49.9466

■ 71.6456, 73.0021,
56.7697

■ 19.7793, 20.7135,
49.4107

■ 77.7329, 80.0650,
57.8122

■ 17.2286, 17.5634,
48.9371

■ 80.5332, 85.6655,
58.7456

■ 15.1944, 14.8622,
48.5229

■ 83.4924, 91.5839,
59.7320

■ 13.6292, 12.5797,
48.1648

■ 85.8631, 96.3252,
60.5222

■ 12.4602, 10.6725,
47.8583

Harmonies

Analogous

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



40.8116, 44.0439, 51.6720



41.5779, 44.0439, 52.7643



42.4308, 44.0439, 52.5350

Triad

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



41.5779, 44.0439, 52.7643



43.4320, 44.0439, 46.3539



40.6098, 44.0439, 44.9848

Complementary

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



41.5779, 44.0439, 52.7643



43.7206, 45.6192, 45.0299

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.



41.2991, 44.0439, 43.6517



41.5779, 44.0439, 52.7643



42.9311, 44.0439, 44.4232

Square

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



41.5779, 44.0439, 52.7643



43.5092, 44.0439, 48.7776



42.1482, 44.0439, 43.4497



40.2577, 44.0439, 47.1443

Rectangle

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



41.5779, 44.0439, 52.7643



42.9334, 44.0439, 51.6663



42.1482, 44.0439, 43.4497



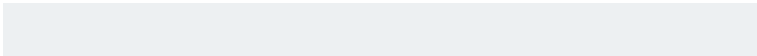
40.8093, 44.0439, 44.4283

Sweetspot

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



41.5792, 44.0458, 52.7653



82.1872, 86.6244, 96.5899



42.4656, 47.0210, 49.3539



18.1257, 19.1025, 21.2744



90.7827, 95.5105, 104.0109



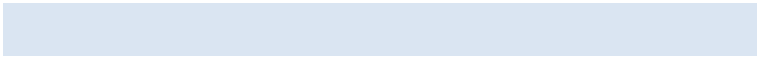
18.6292, 19.5994, 21.3438

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.5792, 44.0458, 52.7653



73.0975, 77.5591, 95.3192



40.2756, 41.3578, 52.3151



8.8574, 9.3921, 11.4255



8.3203, 7.1003, 32.1850



0.3553, 0.3744, 1.1553

Inverse Universe

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



42.8495, 42.7801, 48.1207



75.9713, 74.7531, 84.7986



45.0993, 48.4666, 45.5068



9.1744, 9.0801, 10.2657



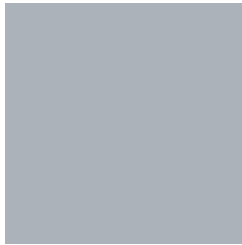
14.8134, 7.4991, 6.9041



0.5535, 0.2769, 0.4083

Previews

White Background



This preview shows how the XYZ color 41.5779, 44.0439, 52.7643 looks on a white background.

Color Contrast Check

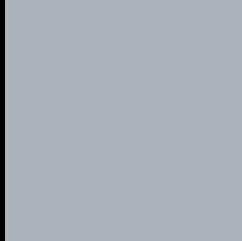
Large Text (above 18pt) WCAG AA × Fail

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 41.5779, 44.0439, 52.7643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

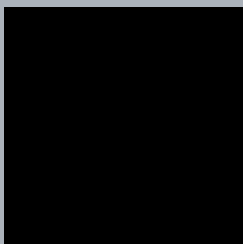
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

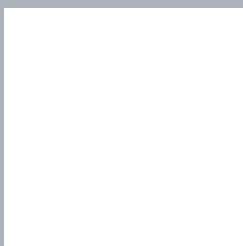
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.5779, 44.0439, 52.7643

Background



This preview shows how black text looks on a background with the XYZ color 41.5779, 44.0439, 52.7643.



This preview shows how white text looks on a background with the XYZ color 41.5779, 44.0439,

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

41.5779, 44.0439, 52.7643

Protanopia

42.6424, 44.0184, 52.1479

Deuteranopia

44.9574, 44.0401, 53.1448



Tritanopia

42.1394, 43.9765, 55.5575

Trichromacy



Original Color

41.5779, 44.0439, 52.7643

Protanomaly

42.1583, 44.0610, 52.1816

Deuteranomaly

43.6341, 43.9272, 53.1927

Tritanomaly

41.9207, 43.8891, 54.4061

Monochromacy



Original Color

41.5779, 44.0439, 52.7643

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.6396, 43.8535, 49.4500

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5779, 44.0439, 52.7643 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, 178, 186)` looks like.

```
.text, #text, p{  
    color:rgb(171, 178, 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, 178, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 178, 186) }
```

Border

The CSS property to change the border of an element to XYZ 41.5779, 44.0439, 52.7643 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, 178, 186) }
```


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

```
.border{ border-color:rgb(171, 178, 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, 178, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 178, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 178, 186);  
box-shadow:4px 4px 4px 4px rgb(171, 178,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5779, 44.0439, 52.7643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 178, 186) }
```

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

```
.background{ background-color: rgb(171,  
178, 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](#).

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