

Converting Colors

XYZ(41.1040, 43.6590, 47.3203)

Have a look what the booklet for
XYZ(41.1040, 43.6590, 47.3203)
contains.

XYZ(41.0142, 43.5775, 47.3239)	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(41.0142, 43.5775,
47.3239)**

Conversions

Conversions Part 1

Format	Color
Hex	AEB1B0
RGB	174, 177, 176
RGB Percent	68%, 69%, 69%
CMY	0.3176, 0.3059, 0.3098
CMYK	0.02, 0.00, 0.01, 0.31
HSL	160°, 2%, 69%
HSV	160°, 2%, 69%
XYZ	41.0142, 43.5775, 47.3239
YIQ	175.9890, -1.4670, -0.9470

Conversions

Conversions Part 2

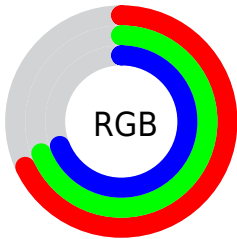
Format	Color
RYB	174, 176, 177
Decimal	11448752
CIELab	71.95, -1.24, 0.13
CIELCh	72, 1.246, 173.882
Yxy	43.5775, 0.3109, 0.3303
Android (android.graphics.Color)	4289638832 (0xFFFAEB1B0)
YUV	175.9890, 0.0054, -1.7444
Hunter-Lab	66.0133, -4.6207, 3.7052

Details

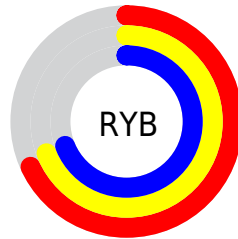
The XYZ color **41.0142, 43.5775, 47.3239** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.0070, 42.7156, 46.6433**, and the grayscale version is **41.2626, 43.4115, 47.2751**.

A 20% lighter version of the original color is **76.0175, 80.7620, 87.9260**, and **18.8718, 20.0081, 21.9361** is the 20% darker color. If you saturate the color by 10%, you get **36.7558, 41.4495, 44.1379**, and if you desaturate by 10%, it is **45.8203, 45.9873, 50.6703**.

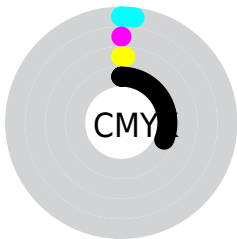
Distribution



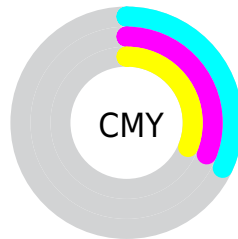
- Red (68%)
- Green (69%)
- Blue (69%)



- Red (68%)
- Yellow (69%)
- Blue (69%)



- Cyan (2%)
- Magenta (0%)
- Yellow (1%)
- Black (31%)



- Cyan (32%)
- Magenta (31%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.0142, 43.5775, 47.3239 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 41.0142, 43.5775, 47.3239 by changing the saturation by 10% instead.

■ 41.0142, 43.5775,
47.3239

■ 41.0142, 43.5775,
47.3239

341.4415,
360.9814, 392.5371

■ 28.5179, 30.3385,
32.9356

■ 75.9800, 80.5816,
87.5519

■ 18.8589, 20.0957,
21.8064

99.1803, 105.1155,
114.2288

■ 11.6717, 12.4646,
13.5178

126.6792,
134.1831, 145.8389

■ 6.5912, 7.0609,
7.6511

158.8421,
168.1689, 182.8007

■ 3.2518, 3.5002,
3.7880

196.0345,
207.4572, 225.5330

■ 1.2883, 1.3981,
1.5098

238.6216,

■ 0.1744, 0.2153,

252.4325, 274.4541

0.2252

286.9688,
303.4791, 329.9826

■ 0.0000, 0.0000,
0.0000

■ 41.0142, 43.5775,
47.3239

■ 41.0142, 43.5775,
47.3239

■ 36.7558, 41.4495,
44.1379

■ 45.8203, 45.9873,
50.6703

■ 33.0208, 39.5873,
41.1069

■ 51.1896, 48.6832,
54.1768

■ 29.7886, 37.9814,
38.2290

■ 57.1419, 51.6767,
57.8468

■ 27.0360, 36.6199,
35.5015

■ 63.6947, 54.9767,
61.6828

■ 24.7376, 35.4898,
32.9213

■ 68.0501, 57.1408,
65.5553

■ 22.8657, 34.5768,
30.4855

■ 68.7801, 57.4327,
69.3991

■ 21.3896, 33.8651,
28.1905

■ 69.5373, 57.7356,
73.3866

■ 20.2741, 33.3366,
26.0330

■ 70.3221, 58.0495,
77.5192

■ 19.4774, 32.9699,
24.0091

■ 71.1347, 58.3746,
81.7986

Harmonies

Analogous

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



41.0899, 43.5775, 46.7621



41.0142, 43.5775, 47.3239



41.0466, 43.5775, 47.9238

Triad

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



41.0142, 43.5775, 47.3239



41.5847, 43.5775, 48.5265



41.6604, 43.5775, 46.5095

Complementary

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



41.0142, 43.5775, 47.3239



41.0070, 42.7156, 46.6433

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.



41.7938, 43.5775, 46.9763



41.0142, 43.5775, 47.3239



41.7500, 43.5775, 48.1415

Square

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



41.0142, 43.5775, 47.3239



41.3756, 43.5775, 48.6214



41.8267, 43.5775, 47.5733



41.4627, 43.5775, 46.2946

Rectangle

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



41.0142, 43.5775, 47.3239



41.1253, 43.5775, 48.2642



41.8267, 43.5775, 47.5733



41.7143, 43.5775, 46.6420

Sweetspot

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



41.0154, 43.5794, 47.3249



74.0068, 78.3222, 85.1509



41.0540, 43.6220, 46.3013



16.0483, 16.9786, 18.4606



84.5950, 89.0005, 96.9216



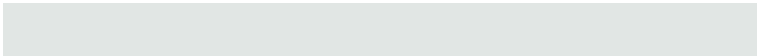
16.2198, 17.0645, 18.5832

Same Dimension

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



41.0154, 43.5794, 47.3249



73.1802, 77.9084, 84.5556



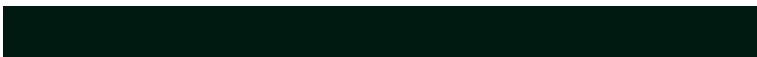
41.0262, 43.4416, 47.8198



9.3559, 9.9506, 10.8027



13.7845, 23.7398, 16.4000



0.4595, 0.7573, 0.6516

Inverse Universe

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



41.0070, 42.7156, 46.6433



73.1621, 76.0575, 83.0951



40.9960, 42.8507, 46.1555



9.3538, 9.7338, 10.6316



13.7366, 7.0122, 3.7731



0.4600, 0.2317, 0.2651

Previews

White Background



This preview shows how the XYZ color 41.0142, 43.5775, 47.3239 looks on a white background.

Color Contrast Check

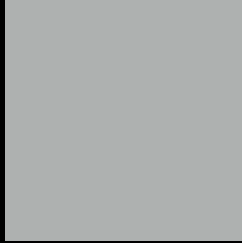
Large Text (above 18pt) WCAG AA × Fail

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 41.0142, 43.5775, 47.3239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

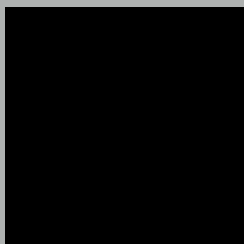
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

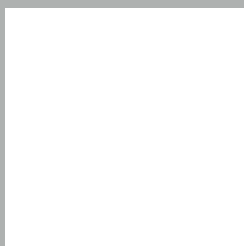
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.0142, 43.5775, 47.3239

Background



This preview shows how black text looks on a background with the XYZ color 41.0142, 43.5775, 47.3239.



This preview shows how white text looks on a background with the XYZ color 41.0142, 43.5775,

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

41.0142, 43.5775, 47.3239

Protanopia

41.6582, 43.3388, 46.7270

Deuteranopia

44.4910, 43.6376, 47.6729



Tritanopia

42.4198, 43.5642, 54.3171

Trichromacy



Original Color

41.0142, 43.5775, 47.3239

Protanomaly

41.3947, 43.4929, 46.7707

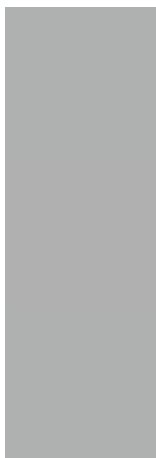
Deuteranomaly

43.1291, 43.5006, 47.7183

Tritanomaly

41.8563, 43.6253, 51.5619

Monochromacy



Original Color

41.0142, 43.5775, 47.3239

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.0410, 43.2992, 47.2688

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0142, 43.5775, 47.3239 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(174, 177, 176)` looks like.

```
.text, #text, p{  
    color:rgb(174, 177, 176)  
}
```

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(174, 177, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 177, 176) }
```

Border

The CSS property to change the border of an element to XYZ 41.0142, 43.5775, 47.3239 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(174, 177, 176) }
```


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

```
.border{ border-color:rgb(174, 177, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 177, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 177, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 177, 176);  
box-shadow:4px 4px 4px 4px rgb(174, 177,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0142, 43.5775, 47.3239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 177, 176) }
```

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

```
.background{ background-color: rgb(174,  
177, 176) }
```

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