

Converting Colors

XYZ(41.2290, 43.2301, 44.3692)

Have a look what the booklet for
XYZ(41.2290, 43.2301, 44.3692)
contains.

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Color

**XYZ(41.1761, 43.1459,
44.1880)**

Conversions

Conversions Part 1

Format	Color
Hex	B3AFAA
RGB	179, 175, 170
RGB Percent	70%, 69%, 67%
CMY	0.2980, 0.3137, 0.3333
CMYK	0.00, 0.02, 0.05, 0.30
HSL	33°, 6%, 68%
HSV	33°, 5%, 70%
XYZ	41.1761, 43.1459, 44.1880
YIQ	175.6260, 3.9890, -0.7070

Conversions

Conversions Part 2

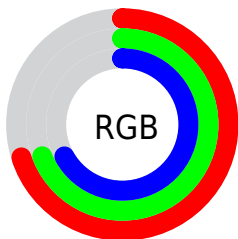
Format	Color
RYB	177, 179, 170
Decimal	11775914
CIELab	71.65, 0.51, 3.05
CIELCh	72, 3.096, 80.467
Yxy	43.1459, 0.3204, 0.3357
Android (android.graphics.Color)	4289965994 (0xFFB3AFAA)
YUV	175.6260, -2.7736, 2.9590
Hunter-Lab	65.6855, -3.0539, 6.0943

Details

The XYZ color **41.1761, 43.1459, 44.1880** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.8504, 42.0724, 48.6689**, and the grayscale version is **41.0857, 43.2253, 47.0724**.

A 20% lighter version of the original color is **76.1484, 79.6920, 82.6028**, and **18.9572, 19.9095, 19.9833** is the 20% darker color. If you saturate the color by 10%, you get **38.0952, 39.5116, 35.3679**, and if you desaturate by 10%, it is **44.5811, 47.0584, 54.2548**.

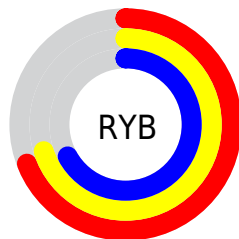
Distribution



Red (70%)

Green (69%)

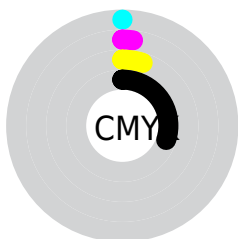
Blue (67%)



Red (69%)

Yellow (70%)

Blue (67%)

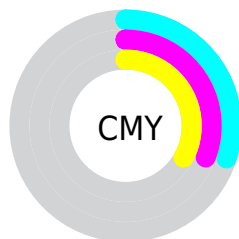


Cyan (0%)

Magenta (2%)

Yellow (5%)

Black (30%)



Cyan (30%)

Magenta (31%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.1761, 43.1459, 44.1880 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 41.1761, 43.1459, 44.1880 by changing the saturation by 10% instead.

■ 41.1761, 43.1459,
44.1880

■ 41.1761, 43.1459,
44.1880

342.1061,
359.2114, 379.5387

■ 28.6450, 29.9996,
30.4801

■ 76.2242, 79.9310,
82.8061

■ 18.9554, 19.8383,
19.9481

99.4718, 104.3386,
108.5532

■ 11.7418, 12.2776,
12.1736

127.0224,
133.2687, 139.1506

■ 6.6391, 6.9330,
6.7381

159.2412,
167.1058, 175.0166

■ 3.2817, 3.4202,
3.2229

196.4936,
206.2342, 216.5699

■ 1.3044, 1.3549,
1.2095

239.1450,

■ 0.1865, 0.1831,

251.0383, 264.2290

0.0000

287.5607,
301.9026, 318.4124

■ 0.0000, 0.0000,
0.0000

■ 41.1761, 43.1459,
44.1880

■ 41.1761, 43.1459,
44.1880

■ 38.0952, 39.5116,
35.3679

■ 44.5811, 47.0584,
54.2548

■ 35.3240, 36.1431,
27.7424

■ 48.3169, 51.2500,
65.6119

■ 32.8522, 33.0350,
21.2598

■ 52.3945, 55.7288,
78.3043

■ 30.6676, 30.1800,
15.8637

■ 56.8230, 60.5009,
92.3741

■ 28.7570, 27.5699,
11.4926

■ 60.8782, 65.2788,
103.9992

■ 27.1058, 25.1963,
8.0790

■ 62.9489, 69.4202,
104.6894

■ 25.6979, 23.0497,
5.5471

■ 65.1193, 73.7610,
105.4129

■ 24.5152, 21.1200,
3.8093

■ 67.3907, 78.3038,
106.1700

■ 23.5353, 19.3951,
2.7588

■ 69.7644, 83.0512,
106.9613

Harmonies

Analogous

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



41.6540, 43.1459, 44.7865



41.1761, 43.1459, 44.1880



40.6573, 43.1459, 44.3248

Triad

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



41.1761, 43.1459, 44.1880



40.0715, 43.1459, 47.9955



41.7914, 43.1459, 48.8406

Complementary

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



41.1761, 43.1459, 44.1880



39.8504, 42.0724, 48.6689

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.



41.3624, 43.1459, 49.7361



41.1761, 43.1459, 44.1880



40.3704, 43.1459, 49.2410

Square

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



41.1761, 43.1459, 44.1880



40.0226, 43.1459, 46.5019



40.8421, 43.1459, 49.8842



42.0113, 43.1459, 47.4584

Rectangle

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



41.1761, 43.1459, 44.1880



40.3580, 43.1459, 44.8158



40.8421, 43.1459, 49.8842



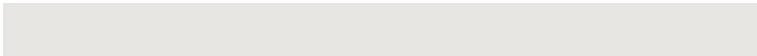
41.6667, 43.1459, 49.2098

Sweetspot

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



41.1773, 43.1478, 44.1889



75.5103, 79.3203, 84.2999



40.6106, 41.3918, 45.9196



16.7435, 17.5898, 18.7185



86.6293, 91.1408, 99.2523



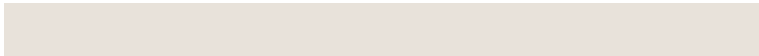
17.0014, 17.8868, 19.4787

Same Dimension

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



41.1773, 43.1478, 44.1889



73.1266, 76.5530, 77.3389



41.8630, 44.6733, 44.4473



9.0712, 9.4926, 9.5383



16.3894, 13.2773, 1.6990



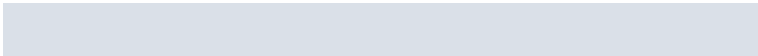
0.5727, 0.5319, 0.0725

Inverse Universe

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



39.8504, 42.0724, 48.6689



70.2632, 74.2324, 87.0062



39.1871, 40.6011, 48.4199



8.6912, 9.1846, 10.8211



7.8138, 6.4280, 30.9659



0.3043, 0.3192, 0.9938

Previews

White Background



This preview shows how the XYZ color 41.1761, 43.1459, 44.1880 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 41.1761, 43.1459, 44.1880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

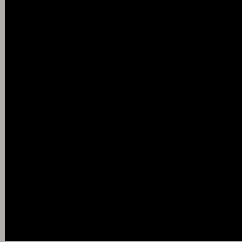
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

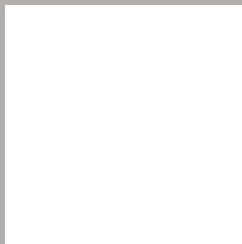
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.1761, 43.1459, 44.1880

Background



This preview shows how black text looks on a background with the XYZ color 41.1761, 43.1459, 44.1880.



This preview shows how white text looks on a background with the XYZ color 41.1761, 43.1459,

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

41.1761, 43.1459, 44.1880

Protanopia

41.4081, 43.2655, 44.1989

Deuteranopia

43.9735, 43.1591, 44.5410



Tritanopia

42.8626, 43.2561, 52.5445

Trichromacy



Original Color

41.1761, 43.1459, 44.1880

Protanomaly

41.4081, 43.2655, 44.1989

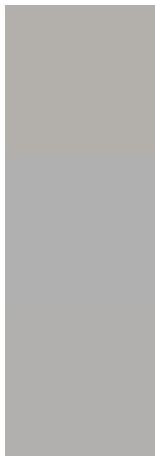
Deuteranomaly

43.0895, 43.2641, 44.6078

Tritanomaly

42.1967, 43.2707, 49.3081

Monochromacy



Original Color

41.1761, 43.1459, 44.1880

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.2968, 43.4538, 46.2552

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1761, 43.1459, 44.1880 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(179, 175, 170)` looks like.

```
.text, #text, p{  
    color:rgb(179, 175, 170)  
}
```

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(179, 175, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 175, 170) }
```

Border

The CSS property to change the border of an element to XYZ 41.1761, 43.1459, 44.1880 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(179, 175, 170) }
```


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

```
.border{ border-color:rgb(179, 175, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 175, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 175, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 175, 170);  
box-shadow:4px 4px 4px 4px rgb(179, 175,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1761, 43.1459, 44.1880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 175, 170) }
```

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

```
.background{ background-color: rgb(179,  
175, 170) }
```

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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