

Converting Colors

XYZ(41.7374, 43.3945, 42.7358)

Have a look what the booklet for
XYZ(41.7374, 43.3945, 42.7358)
contains.

XYZ(41.8335, 43.5172, 42.7540)	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(41.8335, 43.5172,
42.7540)**

Conversions

Conversions Part 1

Format	Color
Hex	B7AFA7
RGB	183, 175, 167
RGB Percent	72%, 69%, 65%
CMY	0.2823, 0.3137, 0.3451
CMYK	0.00, 0.04, 0.09, 0.28
HSL	30°, 10%, 69%
HSV	30°, 9%, 72%
XYZ	41.8335, 43.5172, 42.7540
YIQ	176.4800, 7.3360, -0.7920

Conversions

Conversions Part 2

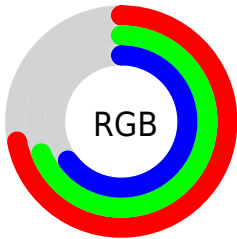
Format	Color
RYB	183, 183, 167
Decimal	12038055
CIELab	71.90, 1.43, 5.11
CIELCh	72, 5.303, 74.301
Yxy	43.5172, 0.3266, 0.3397
Android (android.graphics.Color)	4290228135 (0xFFB7AFA7)
YUV	176.4800, -4.6736, 5.7180
Hunter-Lab	65.9676, -2.2470, 7.7511

Details

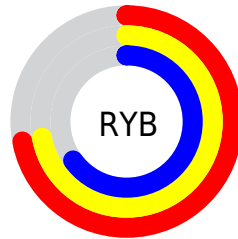
The XYZ color **41.8335, 43.5172, 42.7540** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.8136, 42.2938, 50.8655**, and the grayscale version is **41.5394, 43.7027, 47.5923**.

A 20% lighter version of the original color is **77.0782, 80.2183, 80.5285**, and **19.3834, 20.1495, 19.0873** is the 20% darker color. If you saturate the color by 10%, you get **38.5401, 39.4485, 33.8919**, and if you desaturate by 10%, it is **45.4894, 47.9267, 52.9192**.

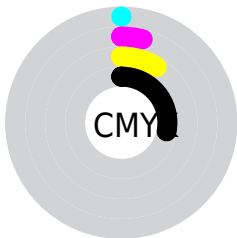
Distribution



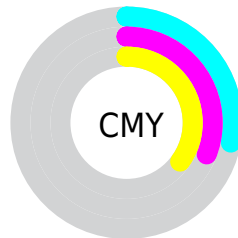
- Red (72%)
- Green (69%)
- Blue (65%)



- Red (72%)
- Yellow (72%)
- Blue (65%)



- Cyan (0%)
- Magenta (4%)
- Yellow (9%)
- Black (28%)



- Cyan (28%)
- Magenta (31%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.8335, 43.5172, 42.7540 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 41.8335, 43.5172, 42.7540 by changing the saturation by 10% instead.

■ 41.8335, 43.5172,
42.7540

■ 41.8335, 43.5172,
42.7540

344.7956,
360.7344, 373.4906

■ 29.1615, 30.2911,
29.3622

■ 77.2143, 80.4908,
80.6219

■ 19.3479, 20.0597,
19.1070

■ 100.6538,
105.0070, 105.9350

■ 12.0274, 12.4384,
11.5701

128.4132,
134.0555, 136.0590

■ 6.8347, 7.0430,
6.3327

160.8578,
168.0205, 171.4124

■ 3.4043, 3.4890,
2.9764

198.3530,
207.2866, 212.4137

■ 1.3710, 1.3920,
1.0826

241.2641,

■ 0.2354, 0.2109,

252.2380, 259.4814

0.0000

289.9566,
303.2591, 313.0342

■ 0.0000, 0.0000,
0.0000

■ 41.8335, 43.5172,
42.7540

■ 41.8335, 43.5172,
42.7540

■ 38.5401, 39.4485,
33.8919

■ 45.4894, 47.9267,
52.9192

■ 35.5931, 35.7062,
26.2765

■ 49.5159, 52.6796,
64.4349

■ 32.9807, 32.2830,
19.8517

■ 53.9252, 57.7858,
77.3498

■ 30.6887, 29.1691,
14.5556

■ 58.7282, 63.2533,
91.7091

■ 28.7020, 26.3544,
10.3210

■ 63.3659, 68.8617,
104.5596

■ 27.0037, 23.8278,
7.0731

■ 65.8432, 73.8164,
105.3854

■ 25.5753, 21.5773,
4.7277

■ 68.4542, 79.0383,
106.2557

■ 24.3952, 19.5898,
3.1856

■ 71.2006, 84.5312,
107.1712

■ 23.4281, 17.8460,
2.2759

■ 73.3387, 88.8074,
107.8839

Harmonies

Analogous

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



42.6172, 43.5172, 43.9931



41.8335, 43.5172, 42.7540



40.9343, 43.5172, 42.7247

Triad

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



41.8335, 43.5172, 42.7540



39.7016, 43.5172, 48.6221



42.5867, 43.5172, 51.0324

Complementary

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



41.8335, 43.5172, 42.7540



39.8136, 42.2938, 50.8655

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.



41.7923, 43.5172, 52.3678



41.8335, 43.5172, 42.7540



40.1313, 43.5172, 50.9423

Square

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



41.8335, 43.5172, 42.7540



39.7123, 43.5172, 46.0497



40.8936, 43.5172, 52.3343



43.0564, 43.5172, 48.7414

Rectangle

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



41.8335, 43.5172, 42.7540



40.3908, 43.5172, 43.3916



40.8936, 43.5172, 52.3343



42.3483, 43.5172, 51.6116

Sweetspot

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



41.8347, 43.5191, 42.7549



78.5705, 82.3603, 86.6451



41.0857, 40.8005, 46.2679



17.2370, 18.0501, 18.8121



88.6918, 93.3107, 101.6153



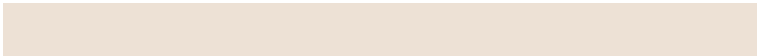
17.8044, 18.7317, 20.3988

Same Dimension

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



41.8347, 43.5191, 42.7549



74.0463, 76.8677, 74.1750



43.4376, 46.7250, 43.2892



9.3657, 9.7344, 9.4922



16.3339, 12.4441, 1.5411



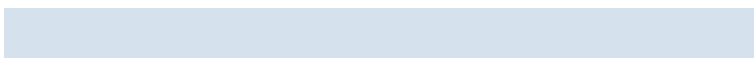
0.6377, 0.5625, 0.0750

Inverse Universe

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



39.8136, 42.2938, 50.8655



69.8781, 74.3408, 90.9019



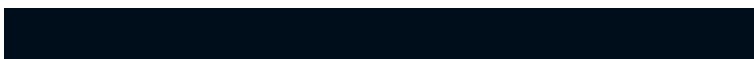
38.3029, 39.2725, 50.3620



8.8820, 9.4411, 11.4336



8.6691, 7.7978, 32.3013



0.3675, 0.3987, 1.1593

Previews

White Background



This preview shows how the XYZ color 41.8335, 43.5172, 42.7540 looks on a white background.

Color Contrast Check

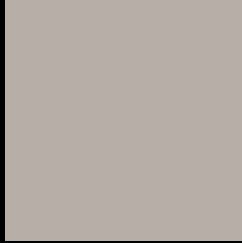
Large Text (above 18pt) WCAG AA × Fail

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 41.8335, 43.5172, 42.7540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

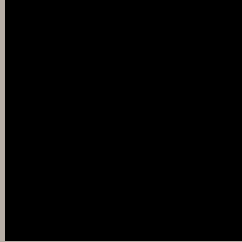
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.8335, 43.5172, 42.7540

Background



This preview shows how black text looks on a background with the XYZ color 41.8335, 43.5172, 42.7540.

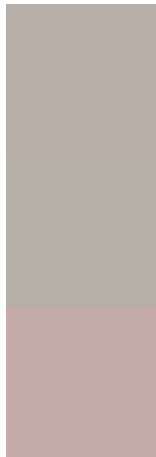


This preview shows how white text looks on a background with the XYZ color 41.8335, 43.5172,

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

41.8335, 43.5172, 42.7540

Protanopia

41.3611, 43.2737, 42.7319

Deuteranopia

44.2076, 43.3124, 43.0759



Tritanopia

43.8652, 43.4893, 52.5367

Trichromacy



Original Color

41.8335, 43.5172, 42.7540

Protanomaly

41.5964, 43.3950, 42.7429

Deuteranomaly

43.3063, 43.4086, 43.1420

Tritanomaly

43.0878, 43.4561, 48.7647

Monochromacy



Original Color

41.8335, 43.5172, 42.7540

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.6586, 43.6515, 45.7651

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8335, 43.5172, 42.7540 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(183, 175, 167)` looks like.

```
.text, #text, p{  
    color:rgb(183, 175, 167)  
}
```

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(183, 175, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 175, 167) }
```

Border

The CSS property to change the border of an element to XYZ 41.8335, 43.5172, 42.7540 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(183, 175, 167) }
```


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

```
.border{ border-color:rgb(183, 175, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 175, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 175, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 175, 167);  
box-shadow:4px 4px 4px 4px rgb(183, 175,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8335, 43.5172, 42.7540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 175, 167) }
```

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

```
.background{ background-color: rgb(183,  
175, 167) }
```

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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