

Converting Colors

XYZ(41.6481, 41.5207, 43.0119)

Have a look what the booklet for
XYZ(41.6481, 41.5207, 43.0119)
contains.

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Color

**XYZ(41.5640, 41.3972,
42.8456)**

Conversions

Conversions Part 1

Format	Color
Hex	BBA8A8
RGB	187, 168, 168
RGB Percent	73%, 66%, 66%
CMY	0.2667, 0.3412, 0.3412
CMYK	0.00, 0.10, 0.10, 0.27
HSL	0°, 12%, 70%
HSV	0°, 10%, 73%
XYZ	41.5640, 41.3972, 42.8456
YIQ	173.6810, 11.3240, 4.0280

Conversions

Conversions Part 2

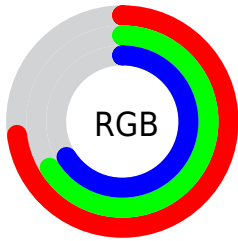
Format	Color
RYB	187, 168, 168
Decimal	12298408
CIELab	70.45, 6.87, 2.50
CIELCh	70, 7.312, 19.981
Yxy	41.3972, 0.3304, 0.3291
Android (android.graphics.Color)	4290488488 (0xFFBBA8A8)
YUV	173.6810, -2.8007, 11.6808
Hunter-Lab	64.3407, 2.7147, 5.5562

Details

The XYZ color **41.5640, 41.3972, 42.8456** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.8882, 47.4524, 53.9129**, and the grayscale version is **40.0793, 42.1665, 45.9193**.

A 20% lighter version of the original color is **76.6691, 77.1578, 80.6641**, and **19.2293, 18.8201, 19.1421** is the 20% darker color. If you saturate the color by 10%, you get **36.7388, 34.3368, 33.2513**, and if you desaturate by 10%, it is **47.1384, 49.5540, 53.9266**.

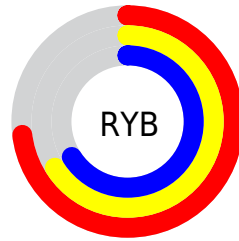
Distribution



Red (73%)

Green (66%)

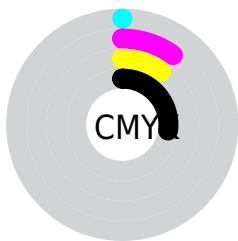
Blue (66%)



Red (73%)

Yellow (66%)

Blue (66%)

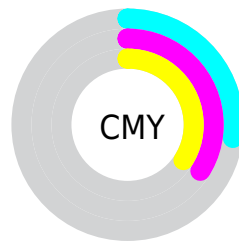


Cyan (0%)

Magenta (10%)

Yellow (10%)

Black (27%)



Cyan (27%)


Magenta (34%)


Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.5640, 41.3972, 42.8456 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 41.5640, 41.3972, 42.8456 by changing the saturation by 10% instead.


 41.5640, 41.3972,
42.8456


 41.5640, 41.3972,
42.8456


343.6948,
351.9780, 373.8790

 28.9497, 28.6296,
29.4335


 76.8086, 77.2865,
80.7617

 19.1868, 18.8008,
19.1606

 100.1697,
101.1770, 106.1027

 11.9102, 11.5264,
11.6084


127.8436,
129.5438, 136.2571

 6.7543, 6.4221,
6.3583

160.1958,
162.7715, 171.6435

 3.3539, 3.1034,
2.9919

197.5917,
201.2443, 212.6803

 1.3435, 1.1859,
1.0905

240.3966,

 0.2155, 0.0502,

245.3468, 259.7861

0.0000

288.9759,
295.4632, 313.3795

■ 0.0000, 0.0000,
0.0000

■ 41.5640, 41.3972,
42.8456

■ 41.5640, 41.3972,
42.8456

■ 36.7388, 34.3368,
33.2513

■ 47.1384, 49.5540,
53.9266

■ 32.6276, 28.3211,
25.0781

■ 53.4883, 58.8454,
66.5511

■ 29.1975, 23.3019,
18.2592

■ 60.6432, 69.3146,
80.7760

■ 26.4118, 19.2257,
12.7215

■ 68.6297, 81.0006,
96.6544

■ 24.2303, 16.0334,
8.3851

■ 74.3037, 89.3049,
107.9291

■ 22.6083, 13.6598,
5.1609

■ 21.4947, 12.0301,
2.9477

■ 20.8295, 11.0566,
1.6259

■ 20.4940, 10.5656,
0.9592

Harmonies

Analogous

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



41.6721, 41.3972, 46.2385



41.5640, 41.3972, 42.8456



40.8551, 41.3972, 40.1828

Triad

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



41.5640, 41.3972, 42.8456



37.5995, 41.3972, 40.9420



38.9452, 41.3972, 51.9275

Complementary

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



41.5640, 41.3972, 42.8456



42.8882, 47.4524, 53.9129

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.



37.8761, 41.3972, 50.3479



41.5640, 41.3972, 42.8456



37.1097, 41.3972, 43.9302

Square

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



41.5640, 41.3972, 42.8456



38.5606, 41.3972, 39.1233



37.2099, 41.3972, 47.3794



40.1436, 41.3972, 51.6006

Rectangle

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



41.5640, 41.3972, 42.8456



40.1451, 41.3972, 39.1247



37.2099, 41.3972, 47.3794



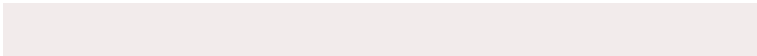
38.5592, 41.3972, 51.5989

Sweetspot

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



41.5652, 41.3990, 42.8465



81.4004, 84.3260, 90.5703



43.4663, 42.1585, 52.8606



17.7437, 18.3036, 19.5832



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.



41.5652, 41.3990, 42.8465



72.5778, 71.4164, 73.0301



43.3830, 45.0346, 43.4524



9.5303, 9.5366, 9.9151



14.1205, 7.2798, 0.6609



0.5532, 0.2852, 0.0259

Inverse Universe

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



42.8882, 47.4524, 53.9129



75.3825, 84.2491, 96.4900



40.9397, 43.5554, 53.2634



9.8085, 10.8093, 12.2416



18.4194, 26.9505, 36.6241



0.7215, 1.0558, 1.4346

Previews

White Background



This preview shows how the XYZ color 41.5640, 41.3972, 42.8456 looks on a white background.

Color Contrast Check

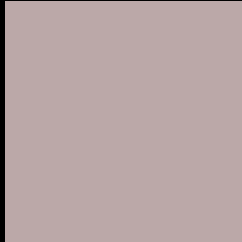
Large Text (above 18pt) WCAG AA × Fail

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 41.5640, 41.3972, 42.8456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

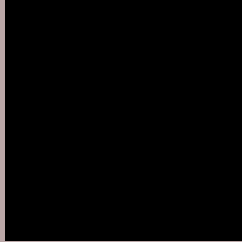
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.5640, 41.3972, 42.8456

Background



This preview shows how black text looks on a background with the XYZ color 41.5640, 41.3972, 42.8456.



This preview shows how white text looks on a background with the XYZ color 41.5640, 41.3972,

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

41.5640, 41.3972, 42.8456

Protanopia

39.9127, 41.6374, 43.9634

Deuteranopia

42.1218, 41.4117, 42.8190



Tritanopia

42.7592, 41.3459, 48.3747

Trichromacy



Original Color

41.5640, 41.3972, 42.8456

Protanomaly

40.5467, 41.6937, 43.4468

Deuteranomaly

41.8729, 41.2834, 42.8073

Tritanomaly

42.2956, 41.4239, 46.3238

Monochromacy



Original Color

41.5640, 41.3972, 42.8456

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.7893, 42.0673, 44.9997

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5640, 41.3972, 42.8456 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(187, 168, 168)` looks like.

```
.text, #text, p{  
    color:rgb(187, 168, 168)  
}
```

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(187, 168, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 168, 168) }
```

Border

The CSS property to change the border of an element to XYZ 41.5640, 41.3972, 42.8456 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(187, 168, 168) }
```


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

```
.border{ border-color:rgb(187, 168, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 168, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 168, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 168, 168);  
box-shadow:4px 4px 4px 4px rgb(187, 168,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5640, 41.3972, 42.8456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 168, 168) }
```

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

```
.background{ background-color: rgb(187,  
168, 168) }
```

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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