

Converting Colors

XYZ(39.7310, 41.8704, 42.0641)

Have a look what the booklet for
XYZ(39.7310, 41.8704, 42.0641)
contains.

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Color

**XYZ(39.7310, 41.8704,
42.0641)**

Conversions

Conversions Part 1

Format	Color
Hex	B0ADA6
RGB	176, 173, 166
RGB Percent	69%, 68%, 65%
CMY	0.3098, 0.3216, 0.3490
CMYK	0.00, 0.02, 0.06, 0.31
HSL	42°, 6%, 67%
HSV	42°, 6%, 69%
XYZ	39.7310, 41.8704, 42.0641
YIQ	173.0990, 4.0350, -1.5410

Conversions

Conversions Part 2

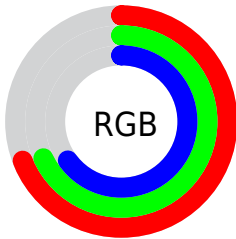
Format	Color
RYB	170, 176, 166
Decimal	11578790
CIELab	70.78, -0.21, 3.96
CIELCh	71, 3.966, 92.970
Yxy	41.8704, 0.3213, 0.3386
Android (android.graphics.Color)	4289768870 (0xFFB0ADA6)
YUV	173.0990, -3.4998, 2.5442
Hunter-Lab	64.7073, -3.6369, 6.7527

Details

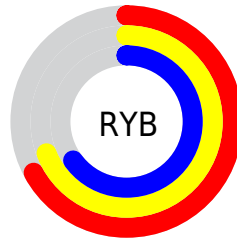
The XYZ color **39.7310, 41.8704, 42.0641** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.7503, 39.6169, 46.7320**, and the grayscale version is **39.7878, 41.8598, 45.5854**.

A 20% lighter version of the original color is **74.0733, 77.8631, 79.5316**, and **18.1868, 19.1747, 18.6621** is the 20% darker color. If you saturate the color by 10%, you get **37.2346, 39.2867, 33.8043**, and if you desaturate by 10%, it is **42.4906, 44.6260, 51.5028**.

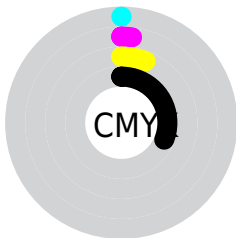
Distribution



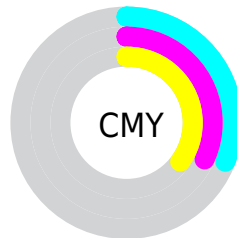
- Red (69%)
- Green (68%)
- Blue (65%)



- Red (67%)
- Yellow (69%)
- Blue (65%)



- Cyan (0%)
- Magenta (2%)
- Yellow (6%)
- Black (31%)



- Cyan (31%)
- Magenta (32%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.7310, 41.8704, 42.0641 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 39.7310, 41.8704, 42.0641 by changing the saturation by 10% instead.

■ 39.7310, 41.8704,
42.0641

■ 39.7310, 41.8704,
42.0641

336.1424,
353.9454, 370.5561

■ 27.5121, 28.9998,
28.8255

■ 74.0407, 78.0034,
79.5678

■ 18.0968, 19.0807,
18.7044

■ 96.8622, 102.0347,
104.6700

■ 11.1196, 11.7286,
11.2823

123.9486,
130.5550, 134.5638

■ 6.2152, 6.5592,
6.1405

155.6654,
163.9487, 169.6677

■ 3.0183, 3.1880,
2.8605

192.3778,
202.6002, 210.4004

■ 1.1634, 1.2306,
1.0239

234.4512,

■ 0.0772, 0.0865,

246.8938, 257.1803

0.0000

282.2509,
297.2141, 310.4261

■ 0.0000, 0.0000,
0.0000

■ 39.7310, 41.8704,
42.0641

■ 39.7310, 41.8704,
42.0641

■ 37.2346, 39.2867,
33.8043

■ 42.4906, 44.6260,
51.5028

■ 34.9887, 36.8649,
26.6736

■ 45.5189, 47.5524,
62.1621

■ 32.9843, 34.6022,
20.6226

■ 48.8253, 50.6553,
74.0850

■ 31.2108, 32.4935,
15.5971

■ 52.4180, 53.9388,
87.3117

■ 29.6565, 30.5334,
11.5383

■ 56.3046, 57.4065,
101.8804

■ 28.3087, 28.7161,
8.3814

■ 57.7027, 59.9461,
103.1372

■ 27.1530, 27.0349,
6.0535

■ 58.9829, 62.5066,
103.5640

■ 26.1730, 25.4825,
4.4702

■ 60.3061, 65.1530,
104.0051

■ 25.3478, 24.0497,
3.5243

■ 61.6726, 67.8860,
104.4606

Harmonies

Analogous

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



40.3746, 41.8704, 42.4359



39.7310, 41.8704, 42.0641



39.1116, 41.8704, 42.6152

Triad

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



39.7310, 41.8704, 42.0641



38.7439, 41.8704, 47.5914



40.9349, 41.8704, 47.2573

Complementary

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



39.7310, 41.8704, 42.0641



37.7503, 39.6169, 46.7320

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.



40.4895, 41.8704, 48.6995



39.7310, 41.8704, 42.0641



39.2240, 41.8704, 48.8961

Square

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



39.7310, 41.8704, 42.0641



38.5457, 41.8704, 45.7779



39.8622, 41.8704, 49.3071



41.0742, 41.8704, 45.4021

Rectangle

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



39.7310, 41.8704, 42.0641



38.7945, 41.8704, 43.4410



39.8622, 41.8704, 49.3071



40.8158, 41.8704, 47.8082

Sweetspot

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



39.7322, 41.8722, 42.0650



73.8289, 77.7270, 82.2814



38.7027, 39.3677, 43.0956



16.0118, 16.8566, 17.8721



84.5950, 89.0005, 96.9216



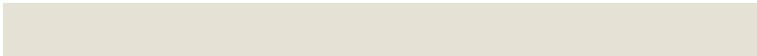
16.2198, 17.0645, 18.5832

Same Dimension

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



39.7322, 41.8722, 42.0650



71.3787, 75.2472, 74.0028



39.8644, 42.8031, 42.2377



9.0882, 9.5814, 9.3750



18.4101, 17.3187, 2.3725



0.6274, 0.6411, 0.0907

Inverse Universe

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



37.7503, 39.6169, 46.7320



66.9159, 70.1687, 84.5124



37.6217, 38.7325, 46.5681



8.4927, 8.9037, 10.7773



6.7210, 4.2423, 30.6016



0.2639, 0.2383, 0.9803

Previews

White Background



This preview shows how the XYZ color 39.7310, 41.8704, 42.0641 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 39.7310, 41.8704, 42.0641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

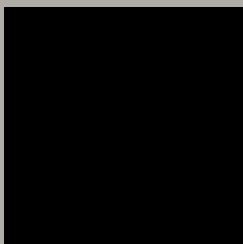
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

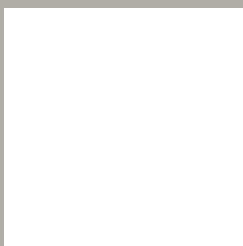
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.7310, 41.8704, 42.0641

Background



This preview shows how black text looks on a background with the XYZ color 39.7310, 41.8704, 42.0641.

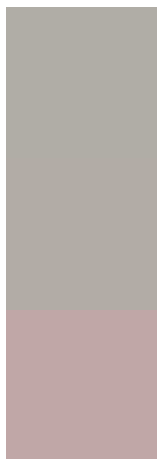


This preview shows how white text looks on a background with the XYZ color 39.7310, 41.8704,

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

39.7310, 41.8704, 42.0641

Protanopia

39.9956, 41.7232, 42.0218

Deuteranopia

42.5320, 41.6339, 42.3537



Tritanopia

41.6169, 41.7938, 51.2210

Trichromacy



Original Color

39.7310, 41.8704, 42.0641

Protanomaly

39.7669, 41.6053, 42.0111

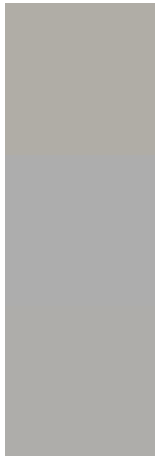
Deuteranomaly

41.4127, 41.6051, 42.4071

Tritanomaly

40.8588, 41.7651, 47.5030

Monochromacy



Original Color

39.7310, 41.8704, 42.0641

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.6548, 41.7881, 44.0061

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7310, 41.8704, 42.0641 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(176, 173, 166)` looks like.

```
.text, #text, p{  
    color:rgb(176, 173, 166)  
}
```

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(176, 173, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 173, 166) }
```

Border

The CSS property to change the border of an element to XYZ 39.7310, 41.8704, 42.0641 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(176, 173, 166) }
```


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

```
.border{ border-color:rgb(176, 173, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 173, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 173, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 173, 166);  
box-shadow:4px 4px 4px 4px rgb(176, 173,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7310, 41.8704, 42.0641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 173, 166) }
```

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

```
.background{ background-color: rgb(176,  
173, 166) }
```

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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