

Converting Colors

XYZ(41.3719, 42.6064, 47.1190)

Have a look what the booklet for
XYZ(41.3719, 42.6064, 47.1190)
contains.

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Color

**XYZ(41.3704, 42.6054,
47.1175)**

Conversions

Conversions Part 1

Format	Color
Hex	B3ADB0
RGB	179, 173, 176
RGB Percent	70%, 68%, 69%
CMY	0.2980, 0.3216, 0.3098
CMYK	0.00, 0.03, 0.02, 0.30
HSL	330°, 4%, 69%
HSV	330°, 3%, 70%
XYZ	41.3704, 42.6054, 47.1175
YIQ	175.1360, 2.6130, 2.2050

Conversions

Conversions Part 2

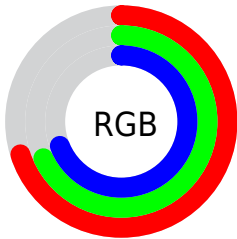
Format	Color
RYB	179, 173, 176
Decimal	11775408
CIELab	71.29, 2.69, -0.78
CIELCh	71, 2.803, 343.787
Yxy	42.6054, 0.3156, 0.3250
Android (android.graphics.Color)	4289965488 (0xFFB3ADB0)
YUV	175.1360, 0.4260, 3.3887
Hunter-Lab	65.2728, -1.0928, 2.8922

Details

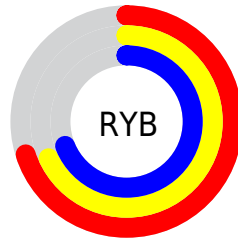
The XYZ color **41.3704, 42.6054, 47.1175** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.1917, 44.2601, 47.4484**, and the grayscale version is **40.8158, 42.9414, 46.7632**.

A 20% lighter version of the original color is **76.5698, 78.9752, 87.5520**, and **19.0796, 19.5656, 21.8397** is the 20% darker color. If you saturate the color by 10%, you get **37.3087, 35.8530, 41.5359**, and if you desaturate by 10%, it is **45.9528, 50.3046, 53.1621**.

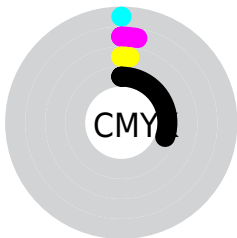
Distribution



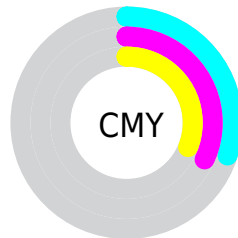
- Red (70%)
- Green (68%)
- Blue (69%)



- Red (70%)
- Yellow (68%)
- Blue (69%)



- Cyan (0%)
- Magenta (3%)
- Yellow (2%)
- Black (30%)



- Cyan (30%)
- Magenta (32%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.3704, 42.6054, 47.1175 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 41.3704, 42.6054, 47.1175 by changing the saturation by 10% instead.

■ 41.3704, 42.6054,
47.1175

■ 41.3704, 42.6054,
47.1175

342.9025,
356.9865, 391.6907

■ 28.7976, 29.5756,
32.7735

■ 76.5170, 79.1151,
87.2408

■ 19.0712, 19.5167,
21.6833

99.8215, 103.3637,
113.8572

■ 11.8261, 12.0442,
13.4283

127.4339,
132.1208, 145.4016

■ 6.6967, 6.7738,
7.5900

159.7197,
165.7707, 182.2923

■ 3.3178, 3.3210,
3.7497

197.0440,
204.6979, 224.9481

■ 1.3240, 1.3016,
1.4891

239.7724,

■ 0.2010, 0.1424,

249.2866, 273.7874

0.2098

288.2701,
299.9213, 329.2287

■ 0.0000, 0.0000,
0.0000

■ 41.3704, 42.6054,
47.1175

■ 41.3704, 42.6054,
47.1175

■ 37.3087, 35.8530,
41.5359

■ 45.9528, 50.3046,
53.1621

■ 33.7449, 30.0050,
36.4026

■ 51.0706, 58.9798,
59.6783

■ 30.6596, 25.0243,
31.7060

■ 56.7423, 68.6658,
66.6782

■ 28.0308, 20.8687,
27.4329

■ 62.9843, 79.3940,
74.1721

■ 25.8349, 17.4926,
23.5693

■ 67.3715, 86.3122,
81.3568

■ 24.0457, 14.8461,
20.1003

■ 68.5952, 86.8016,
87.8009

■ 22.6343, 12.8731,
17.0096

■ 69.8835, 87.3170,
94.5851

■ 21.5673, 11.5094,
14.2795

■ 71.2373, 87.8585,
101.7143

■ 20.8053, 10.6782,
11.8897

■ 72.4006, 88.3238,
107.8400

Harmonies

Analogous

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



41.1246, 42.6054, 48.2864



41.3704, 42.6054, 47.1175



41.3805, 42.6054, 45.7751

Triad

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



41.3704, 42.6054, 47.1175



40.2799, 42.6054, 43.9181



39.8453, 42.6054, 48.2068

Complementary

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



41.3704, 42.6054, 47.1175



41.1917, 44.2601, 47.4484

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.



39.6226, 42.6054, 47.0104



41.3704, 42.6054, 47.1175



39.8721, 42.6054, 44.5439

Square

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



41.3704, 42.6054, 47.1175



40.7484, 42.6054, 43.9455



39.6323, 42.6054, 45.6701



40.2430, 42.6054, 48.9236

Rectangle

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



41.3704, 42.6054, 47.1175



41.2520, 42.6054, 44.9636



39.6323, 42.6054, 45.6701



39.7476, 42.6054, 47.8464

Sweetspot

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



41.3716, 42.6072, 47.1184



75.9247, 79.3706, 86.8377



40.9863, 42.3739, 48.6671



16.8306, 17.6004, 19.2515



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.



41.3716, 42.6072, 47.1184



73.5420, 75.3842, 83.6423



41.0783, 42.4899, 45.5737



9.0967, 9.2882, 10.3340



14.4576, 7.3006, 7.5695



0.4843, 0.2415, 0.3933

Inverse Universe

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



41.3716, 42.6072, 47.1184



73.5420, 75.3842, 83.6423



41.4916, 44.3800, 49.0277



9.0967, 9.2882, 10.3340



14.4576, 7.3006, 7.5695



0.4843, 0.2415, 0.3933

Previews

White Background



This preview shows how the XYZ color 41.3704, 42.6054, 47.1175 looks on a white background.

Color Contrast Check

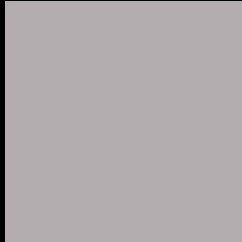
Large Text (above 18pt) WCAG AA × Fail

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 41.3704, 42.6054, 47.1175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

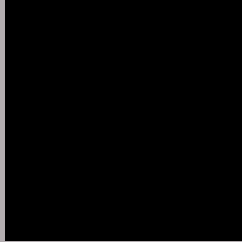
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.3704, 42.6054, 47.1175

Background



This preview shows how black text looks on a background with the XYZ color 41.3704, 42.6054, 47.1175.

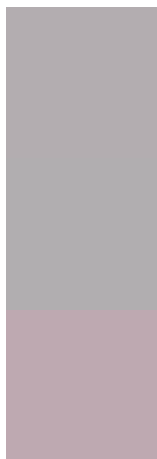


This preview shows how white text looks on a background with the XYZ color 41.3704, 42.6054,

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

41.3704, 42.6054, 47.1175

Protanopia

41.1040, 42.7538, 47.1602

Deuteranopia

43.3590, 42.4974, 47.5125



Tritanopia

42.3319, 42.7111, 51.9119

Trichromacy



Original Color

41.3704, 42.6054, 47.1175

Protanomaly

41.3326, 42.8717, 47.1709

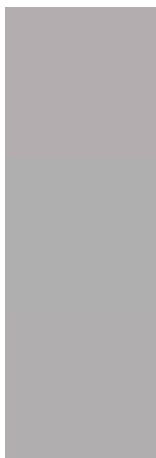
Deuteranomaly

42.5602, 42.3629, 47.5287

Tritanomaly

42.0184, 42.5857, 50.2612

Monochromacy



Original Color

41.3704, 42.6054, 47.1175

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.7784, 42.5974, 46.6303

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3704, 42.6054, 47.1175 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, 173, 176)` looks like.

```
.text, #text, p{  
    color:rgb(179, 173, 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(179, 173, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 173, 176) }
```

Border

The CSS property to change the border of an element to XYZ 41.3704, 42.6054, 47.1175 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, 173, 176) }
```


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

```
.border{ border-color:rgb(179, 173, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 173, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 173, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 173, 176);  
box-shadow:4px 4px 4px 4px rgb(179, 173,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3704, 42.6054, 47.1175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 173, 176) }
```

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

```
.background{ background-color: rgb(179,  
173, 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](#).

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