

Converting Colors

XYZ(41.0491, 42.7895, 47.1415)

Have a look what the booklet for
XYZ(41.0491, 42.7895, 47.1415)
contains.

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Color

**XYZ(41.1040, 42.7538,
47.1602)**

Conversions

Conversions Part 1

Format	Color
Hex	B1AEB0
RGB	177, 174, 176
RGB Percent	69%, 68%, 69%
CMY	0.3059, 0.3176, 0.3098
CMYK	0.00, 0.02, 0.01, 0.31
HSL	320°, 2%, 69%
HSV	320°, 2%, 69%
XYZ	41.1040, 42.7538, 47.1602
YIQ	175.1250, 1.1460, 1.2580

Conversions

Conversions Part 2

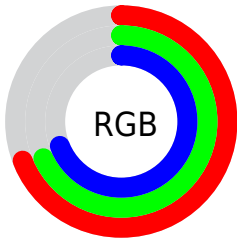
Format	Color
RYB	177, 174, 176
Decimal	11644592
CIELab	71.39, 1.44, -0.65
CIELCh	71, 1.581, 335.581
Yxy	42.7538, 0.3137, 0.3263
Android (android.graphics.Color)	4289834672 (0xFFB1AEB0)
YUV	175.1250, 0.4314, 1.6444
Hunter-Lab	65.3864, -2.2153, 3.0073

Details

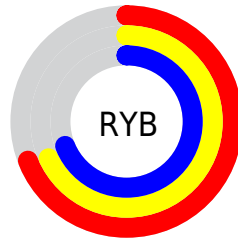
The XYZ color **41.1040, 42.7538, 47.1602** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.9172, 43.5392, 46.8070**, and the grayscale version is **40.8107, 42.9360, 46.7573**.

A 20% lighter version of the original color is **76.1891, 79.1885, 87.6132**, and **18.9098, 19.6594, 21.8668** is the 20% darker color. If you saturate the color by 10%, you get **37.3360, 36.1323, 43.0839**, and if you desaturate by 10%, it is **45.3504, 50.2904, 51.5225**.

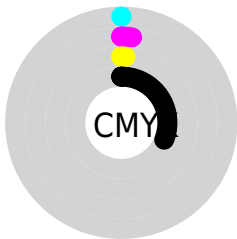
Distribution



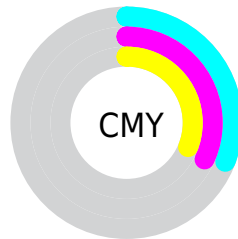
- Red (69%)
- Green (68%)
- Blue (69%)



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



- Cyan (0%)
- Magenta (2%)
- Yellow (1%)
- Black (31%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.1040, 42.7538, 47.1602 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 41.1040, 42.7538, 47.1602 by changing the saturation by 10% instead.

■ 41.1040, 42.7538,
47.1602

■ 41.1040, 42.7538,
47.1602

341.8103,
357.5983, 391.8659

■ 28.5884, 29.6920,
32.8071

■ 76.1155, 79.3392,
87.3052

■ 18.9124, 19.6049,
21.7088

99.3420, 103.6316,
113.9341

■ 11.7106, 12.1082,
13.4468

126.8696,
132.4363, 145.4921

■ 6.6177, 6.8174,
7.6026

159.0635,
166.1377, 182.3976

■ 3.2684, 3.3482,
3.7576

196.2892,
205.1202, 225.0691

■ 1.2972, 1.3161,
1.4933

238.9120,

■ 0.1812, 0.1536,

249.7682, 273.9254

0.2130

287.2972,
300.4661, 329.3848

■ 0.0000, 0.0000,
0.0000

■ 41.1040, 42.7538,
47.1602

■ 41.1040, 42.7538,
47.1602

■ 37.3360, 36.1323,
43.0839

■ 45.3504, 50.2904,
51.5225

■ 34.0251, 30.3852,
39.2833

■ 50.0885, 58.7697,
56.1751

■ 31.1534, 25.4770,
35.7514

■ 55.3355, 68.2251,
61.1259

■ 28.7008, 21.3677,
32.4798

■ 61.1066, 78.6866,
66.3814

■ 26.6451, 18.0139,
29.4596

■ 64.9754, 85.3007,
71.1343

■ 24.9625, 15.3680,
26.6809

■ 65.7045, 85.5923,
74.9735

■ 23.6260, 13.3770,
24.1331

■ 66.4608, 85.8949,
78.9561

■ 22.6053, 11.9806,
21.8043

■ 67.2446, 86.2084,
83.0836

■ 21.8640, 11.1068,
19.6805

■ 68.0562, 86.5330,
87.3575

Harmonies

Analogous

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



40.9347, 42.7538, 47.7539



41.1040, 42.7538, 47.1602



41.1477, 42.7538, 46.4092

Triad

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



41.1040, 42.7538, 47.1602



40.5865, 42.7538, 45.1080



40.2214, 42.7538, 47.4097

Complementary

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



41.1040, 42.7538, 47.1602



40.9172, 43.5392, 46.8070

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.



40.1290, 42.7538, 46.6943



41.1040, 42.7538, 47.1602



40.3391, 42.7538, 45.3697

Square

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



41.1040, 42.7538, 47.1602



40.8482, 42.7538, 45.2297



40.1720, 42.7538, 45.9483



40.4250, 42.7538, 47.8990

Rectangle

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



41.1040, 42.7538, 47.1602



41.0996, 42.7538, 45.9216



40.1720, 42.7538, 45.9483



40.1763, 42.7538, 47.1874

Sweetspot

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



41.1052, 42.7556, 47.1611



74.1038, 77.4331, 84.9747



40.7527, 42.5625, 47.6631



16.0682, 16.7963, 18.4245



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.



41.1052, 42.7556, 47.1611



73.3730, 76.1418, 84.2055



40.9578, 42.6967, 46.3849



9.3785, 9.7436, 10.7617



15.5326, 7.7306, 13.2307



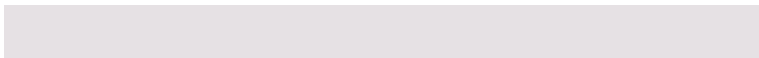
0.5145, 0.2535, 0.5518

Inverse Universe

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



41.1052, 42.7556, 47.1611



73.3730, 76.1418, 84.2055



41.0651, 43.5984, 47.5860



9.3785, 9.7436, 10.7617



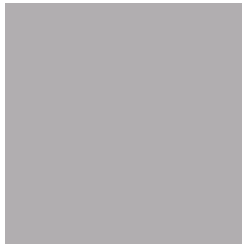
15.5326, 7.7306, 13.2307



0.5145, 0.2535, 0.5518

Previews

White Background



This preview shows how the XYZ color 41.1040, 42.7538, 47.1602 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 41.1040, 42.7538, 47.1602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

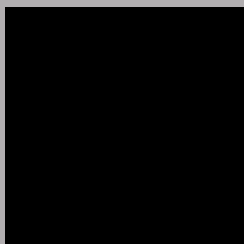
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

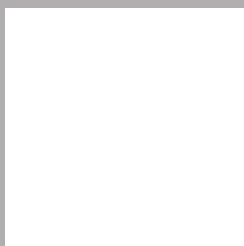
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.1040, 42.7538, 47.1602

Background



This preview shows how black text looks on a background with the XYZ color 41.1040, 42.7538, 47.1602.

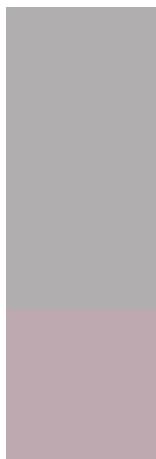


This preview shows how white text looks on a background with the XYZ color 41.1040, 42.7538,

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

41.1040, 42.7538, 47.1602

Protanopia

41.1040, 42.7538, 47.1602

Deuteranopia

43.6096, 42.6266, 47.5243



Tritanopia

42.2059, 42.6339, 52.4591

Trichromacy



Original Color

41.1040, 42.7538, 47.1602

Protanomaly

41.1040, 42.7538, 47.1602

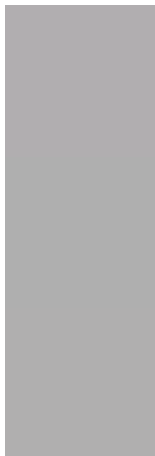
Deuteranomaly

42.7484, 42.7392, 47.5914

Tritanomaly

41.7472, 42.7295, 50.3033

Monochromacy



Original Color

41.1040, 42.7538, 47.1602

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.9723, 42.9852, 46.6949

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1040, 42.7538, 47.1602 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(177, 174, 176)` looks like.

```
.text, #text, p{  
    color:rgb(177, 174, 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(177, 174, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 174, 176) }
```

Border

The CSS property to change the border of an element to XYZ 41.1040, 42.7538, 47.1602 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(177, 174, 176) }
```


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

```
.border{ border-color:rgb(177, 174, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 174, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 174, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 174, 176);  
box-shadow:4px 4px 4px 4px rgb(177, 174,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1040, 42.7538, 47.1602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 174, 176) }
```

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

```
.background{ background-color: rgb(177,  
174, 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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