

Converting Colors

XYZ(41.1512, 42.8545, 46.0454)

Have a look what the booklet for
XYZ(41.1512, 42.8545, 46.0454)
contains.

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Color

**XYZ(41.1361, 42.7931,
46.1362)**

Conversions

Conversions Part 1

Format	Color
Hex	B2AEAE
RGB	178, 174, 174
RGB Percent	70%, 68%, 68%
CMY	0.3020, 0.3176, 0.3176
CMYK	0.00, 0.02, 0.02, 0.30
HSL	0°, 3%, 69%
HSV	0°, 2%, 70%
XYZ	41.1361, 42.7931, 46.1362
YIQ	175.1960, 2.3840, 0.8480

Conversions

Conversions Part 2

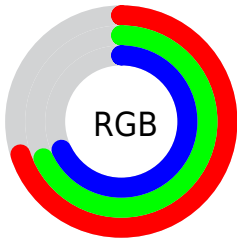
Format	Color
RYB	178, 174, 174
Decimal	11710126
CIELab	71.41, 1.42, 0.50
CIElCh	71, 1.507, 19.206
Yxy	42.7931, 0.3163, 0.3290
Android (android.graphics.Color)	4289900206 (0xFFB2AEAE)
YUV	175.1960, -0.5896, 2.4591
Hunter-Lab	65.4164, -2.2318, 3.9761

Details

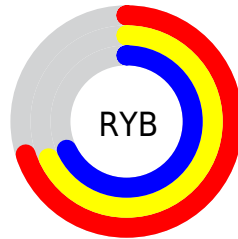
The XYZ color **41.1361, 42.7931, 46.1362** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.4117, 44.0530, 48.4404**, and the grayscale version is **40.8521, 42.9796, 46.8048**.

A 20% lighter version of the original color is **76.0939, 79.1882, 85.4030**, and **18.9298, 19.6842, 21.2141** is the 20% darker color. If you saturate the color by 10%, you get **36.3033, 35.7226, 36.5236**, and if you desaturate by 10%, it is **46.6563, 50.8693, 57.1136**.

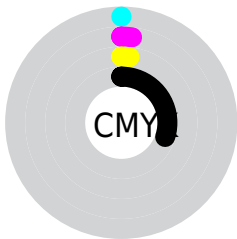
Distribution



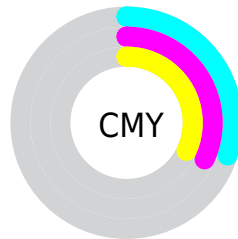
- Red (70%)
- Green (68%)
- Blue (68%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.1361, 42.7931, 46.1362 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 41.1361, 42.7931, 46.1362 by changing the saturation by 10% instead.

■ 41.1361, 42.7931,
46.1362

■ 41.1361, 42.7931,
46.1362

341.9420,
357.7602, 387.6494

■ 28.6136, 29.7228,
32.0039

■ 76.1639, 79.3985,
85.7592

■ 18.9315, 19.6283,
21.0996

99.3998, 103.7025,
112.0870

■ 11.7245, 12.1251,
13.0049

126.9376,
132.5198, 143.3170

■ 6.6272, 6.8290,
7.3011

159.1426,
166.2348, 179.8678

■ 3.2743, 3.3554,
3.5698

196.3802,
205.2320, 222.1579

■ 1.3004, 1.3200,
1.3925

239.0158,

■ 0.1836, 0.1566,

249.8957, 270.6058

0.1358

287.4146,
300.6103, 325.6302

■ 0.0000, 0.0000,
0.0000

■ 41.1361, 42.7931,
46.1362

■ 41.1361, 42.7931,
46.1362

■ 36.3033, 35.7226,
36.5236

■ 46.6563, 50.8693,
57.1136

■ 32.1275, 29.6131,
28.2199

■ 52.8856, 59.9825,
69.5032

■ 28.5816, 24.4249,
21.1692

■ 59.8491, 70.1697,
83.3537

■ 25.6349, 20.1133,
15.3108

■ 67.5697, 81.4642,
98.7105

■ 23.2544, 16.6298,
10.5787

■ 72.1703, 88.2051,
107.8292

■ 21.4039, 13.9216,
6.9008

■ 20.0427, 11.9292,
4.1965

■ 19.1245, 10.5851,
2.3734

■ 18.5943, 9.8085,
1.3216

Harmonies

Analogous

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



41.1548, 42.7931, 46.8566



41.1361, 42.7931, 46.1362



40.9932, 42.7931, 45.5444

Triad

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



41.1361, 42.7931, 46.1362



40.3053, 42.7931, 45.6873



40.5822, 42.7931, 47.9807

Complementary

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



41.1361, 42.7931, 46.1362



41.4117, 44.0530, 48.4404

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.



40.3556, 42.7931, 47.6604



41.1361, 42.7931, 46.1362



40.1961, 42.7931, 46.3332

Square

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



41.1361, 42.7931, 46.1362



40.5132, 42.7931, 45.2871



40.2145, 42.7931, 47.0556



40.8343, 42.7931, 47.9266

Rectangle

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



41.1361, 42.7931, 46.1362



40.8470, 42.7931, 45.3001



40.2145, 42.7931, 47.0556



40.5006, 42.7931, 47.9131

Sweetspot

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



41.1373, 42.7949, 46.1371



75.7620, 79.3064, 85.9785



41.5326, 42.9521, 48.2215



16.7964, 17.5869, 19.0711



86.6293, 91.1408, 99.2523



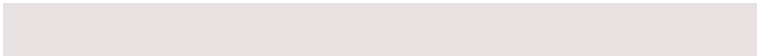
17.0014, 17.8868, 19.4787

Same Dimension

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



41.1373, 42.7949, 46.1371



73.8483, 76.5066, 82.1725



41.5259, 43.5722, 46.2667



9.1132, 9.4080, 10.0723



13.1382, 6.7750, 0.6152



0.4136, 0.2135, 0.0194

Inverse Universe

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



41.4117, 44.0530, 48.4404



74.5207, 79.5891, 87.8157



41.0173, 43.2643, 48.3089



9.2150, 9.8747, 10.9267



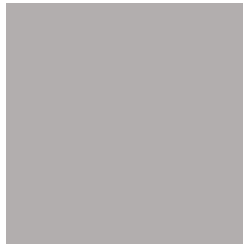
17.1210, 25.0423, 34.0683



0.5389, 0.7883, 1.0720

Previews

White Background



This preview shows how the XYZ color 41.1361, 42.7931, 46.1362 looks on a white background.

Color Contrast Check

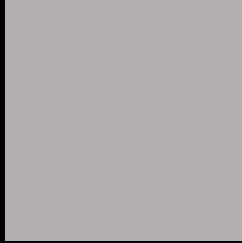
Large Text (above 18pt) WCAG AA × Fail

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 41.1361, 42.7931, 46.1362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

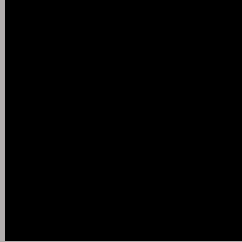
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

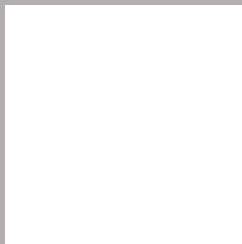
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.1361, 42.7931, 46.1362

Background



This preview shows how black text looks on a background with the XYZ color 41.1361, 42.7931, 46.1362.

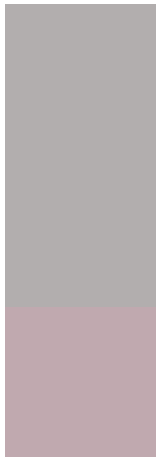


This preview shows how white text looks on a background with the XYZ color 41.1361, 42.7931,

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

41.1361, 42.7931, 46.1362

Protanopia

41.1361, 42.7931, 46.1362

Deuteranopia

43.6641, 42.6775, 46.4937



Tritanopia

42.4378, 42.7535, 52.4699

Trichromacy



Original Color

41.1361, 42.7931, 46.1362

Protanomaly

41.1361, 42.7931, 46.1362

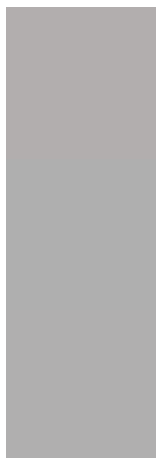
Deuteranomaly

42.7943, 42.7858, 46.5604

Tritanomaly

41.9775, 42.8482, 50.3141

Monochromacy



Original Color

41.1361, 42.7931, 46.1362

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 41.1361, 42.7931, 46.1362 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(178, 174, 174)` looks like.

```
.text, #text, p{  
    color:rgb(178, 174, 174)  
}
```

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(178, 174, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 174, 174) }
```

Border

The CSS property to change the border of an element to XYZ 41.1361, 42.7931, 46.1362 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(178, 174, 174) }
```


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

```
.border{ border-color:rgb(178, 174, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 174, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 174, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 174, 174);  
box-shadow:4px 4px 4px 4px rgb(178, 174,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1361, 42.7931, 46.1362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 174, 174) }
```

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

```
.background{ background-color: rgb(178,  
174, 174) }
```

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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