

Converting Colors

XYZ(43.6660, 47.6734, 50.2202)

Have a look what the booklet for
XYZ(43.6660, 47.6734, 50.2202)
contains.

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Color

**XYZ(43.7016, 47.6432,
50.0728)**

Conversions

Conversions Part 1

Format	Color
Hex	B0BAB4
RGB	176, 186, 180
RGB Percent	69%, 73%, 71%
CMY	0.3098, 0.2706, 0.2941
CMYK	0.05, 0.00, 0.03, 0.27
HSL	144°, 7%, 71%
HSV	144°, 5%, 73%
XYZ	43.7016, 47.6432, 50.0728
YIQ	182.3260, -4.0340, -3.9860

Conversions

Conversions Part 2

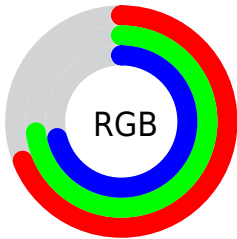
Format	Color
RYB	176, 183, 186
Decimal	11582132
CIELab	74.60, -4.60, 1.83
CIELCh	75, 4.952, 158.304
Yxy	47.6432, 0.3090, 0.3369
Android (android.graphics.Color)	4289772212 (0xFFB0BAB4)
YUV	182.3260, -1.1467, -5.5479
Hunter-Lab	69.0241, -7.7774, 5.3055

Details

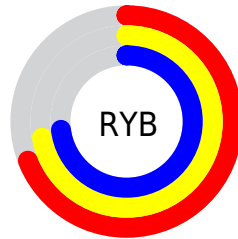
The XYZ color **43.7016, 47.6432, 50.0728** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.2202, 44.8683, 50.5880**, and the grayscale version is **44.6498, 46.9751, 51.1559**.

A 20% lighter version of the original color is **80.1712, 86.7162, 91.8693**, and **20.5305, 22.5924, 23.3574** is the 20% darker color. If you saturate the color by 10%, you get **38.6891, 45.1867, 44.1399**, and if you desaturate by 10%, it is **49.3847, 50.4375, 56.5172**.

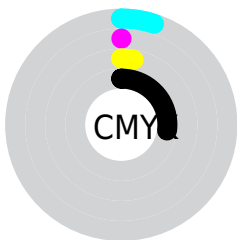
Distribution



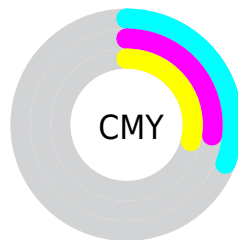
- Red (69%)
- Green (73%)
- Blue (71%)



- Red (69%)
- Yellow (72%)
- Blue (73%)



- Cyan (5%)
- Magenta (0%)
- Yellow (3%)
- Black (27%)



- Cyan (31%)
- Magenta (27%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.7016, 47.6432, 50.0728 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 43.7016, 47.6432, 50.0728 by changing the saturation by 10% instead.

■ 43.7016, 47.6432,
50.0728

■ 43.7016, 47.6432,
50.0728

352.3620,
377.3761, 403.6938

■ 30.6329, 33.5444,
35.0997

■ 80.0177, 86.6729,
91.6801

■ 20.4699, 22.5438,
23.4555

103.9957,
112.3727, 119.1514

■ 12.8473, 14.2570,
14.7217

132.3410,
142.7082, 151.6258

■ 7.3998, 8.2997,
8.4799

165.4187,
178.0638, 189.5219

■ 3.7619, 4.2873,
4.3114

203.5943,
218.8241, 233.2582

■ 1.5683, 1.8355,
1.7977

247.2332,

■ 0.3716, 0.5092,

265.3733, 283.2533

0.4264

296.7006,
318.0958, 339.9256

■ 0.0000, 0.0000,
0.0000

■ 43.7016, 47.6432,
50.0728

■ 43.7016, 47.6432,
50.0728

■ 38.6891, 45.1867,
44.1399

■ 49.3847, 50.4375,
56.5172

■ 34.3178, 43.0490,
38.7028

■ 55.7583, 53.5757,
63.4818

■ 30.5618, 41.2184,
33.7499

■ 62.8467, 57.0713,
70.9793

■ 27.3921, 39.6803,
29.2676

■ 70.6716, 60.9353,
79.0208

■ 24.7772, 38.4187,
25.2418

■ 73.9128, 62.4248,
87.3672

■ 22.6825, 37.4160,
21.6578

■ 75.5843, 63.0934,
96.1691

■ 21.0691, 36.6525,
18.5000

■ 76.8498, 63.5996,
102.8333

■ 19.8927, 36.1056,
15.7515

■ 19.0986, 35.7476,
13.3945

Harmonies

Analogous

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



44.2240, 47.6432, 48.0993



43.7016, 47.6432, 50.0728



43.6001, 47.6432, 52.5911

Triad

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



43.7016, 47.6432, 50.0728



45.5327, 47.6432, 56.9119



46.6487, 47.6432, 48.8771

Complementary

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



43.7016, 47.6432, 50.0728



44.2202, 44.8683, 50.5880

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.



47.0095, 47.6432, 51.1661



43.7016, 47.6432, 50.0728



46.3596, 47.6432, 55.8440

Square

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



43.7016, 47.6432, 50.0728



44.6496, 47.6432, 56.5957



46.9030, 47.6432, 53.7206



45.9233, 47.6432, 47.4250

Rectangle

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



43.7016, 47.6432, 50.0728



43.7836, 47.6432, 54.2499



46.9030, 47.6432, 53.7206



46.8171, 47.6432, 49.5711

Sweetspot

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



43.7029, 47.6452, 50.0738



82.5177, 87.9798, 94.5596



44.7279, 48.2201, 48.0249



18.1948, 19.3859, 20.8499



90.7827, 95.5105, 104.0109



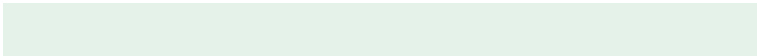
18.6292, 19.5994, 21.3438

Same Dimension

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



43.7029, 47.6452, 50.0738



78.5146, 86.0140, 89.9507



44.2044, 47.8458, 52.7143



9.3493, 10.2722, 10.7103



12.6882, 23.9762, 8.5461



0.4781, 0.8575, 0.4636

Inverse Universe

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



44.2202, 44.8683, 50.5880



79.5729, 80.3332, 91.0024



43.7289, 44.6718, 48.0007



9.4846, 9.5462, 10.8447



15.6145, 7.8196, 11.1226



0.5801, 0.2875, 0.5484

Previews

White Background



This preview shows how the XYZ color 43.7016, 47.6432, 50.0728 looks on a white background.

Color Contrast Check

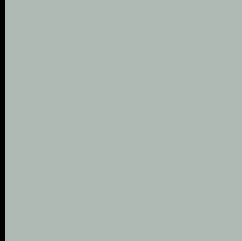
Large Text (above 18pt) WCAG AA × Fail

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 43.7016, 47.6432, 50.0728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

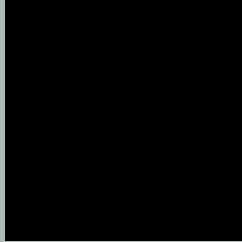
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.7016, 47.6432, 50.0728

Background



This preview shows how black text looks on a background with the XYZ color 43.7016, 47.6432, 50.0728.



This preview shows how white text looks on a background with the XYZ color 43.7016, 47.6432,

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

43.7016, 47.6432, 50.0728

Protanopia

45.7084, 47.7727, 48.9314

Deuteranopia

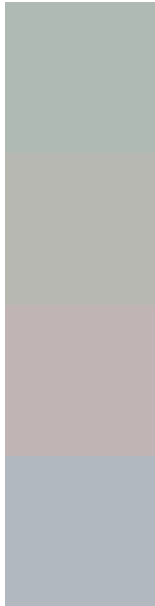
48.5228, 47.3782, 50.8435



Tritanopia

45.7169, 47.5279, 60.1903

Trichromacy



Original Color

43.7016, 47.6432, 50.0728

Protanomaly

45.0443, 47.7260, 49.4858

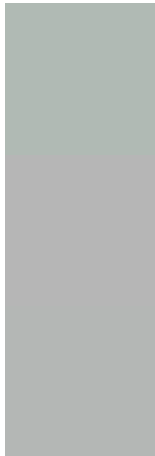
Deuteranomaly

46.6541, 47.3162, 50.3901

Tritanomaly

44.9046, 47.5075, 56.0934

Monochromacy



Original Color

43.7016, 47.6432, 50.0728

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

44.0964, 46.9065, 50.4458

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7016, 47.6432, 50.0728 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, 186, 180)` looks like.

```
.text, #text, p{  
    color:rgb(176, 186, 180)  
}
```

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, 186, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 186, 180) }
```

Border

The CSS property to change the border of an element to XYZ 43.7016, 47.6432, 50.0728 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, 186, 180) }
```


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

```
.border{ border-color:rgb(176, 186, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 186, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 186, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 186, 180);  
box-shadow:4px 4px 4px 4px rgb(176, 186,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7016, 47.6432, 50.0728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 186, 180) }
```

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

```
.background{ background-color: rgb(176,  
186, 180) }
```

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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