

Converting Colors

XYZ(44.0409, 47.1497, 46.5180)

Have a look what the booklet for
XYZ(44.0409, 47.1497, 46.5180)
contains.

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Color

**XYZ(43.9747, 47.2432,
46.3363)**

Conversions

Conversions Part 1

Format	Color
Hex	B6B8AD
RGB	182, 184, 173
RGB Percent	71%, 72%, 68%
CMY	0.2863, 0.2784, 0.3216
CMYK	0.01, 0.00, 0.06, 0.28
HSL	71°, 7%, 70%
HSV	71°, 6%, 72%
XYZ	43.9747, 47.2432, 46.3363
YIQ	182.1480, 2.3390, -3.8450

Conversions

Conversions Part 2

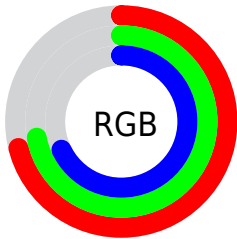
Format	Color
RYB	173, 184, 175
Decimal	11974829
CIELab	74.35, -2.70, 5.33
CIELCh	74, 5.978, 116.883
Yxy	47.2432, 0.3197, 0.3435
Android (android.graphics.Color)	4290164909 (0xFFB6B8AD)
YUV	182.1480, -4.5100, -0.1298
Hunter-Lab	68.7337, -6.0825, 8.1437

Details

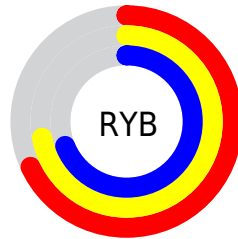
The XYZ color **43.9747, 47.2432, 46.3363** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **41.2764, 42.4631, 51.3706**, and the grayscale version is **44.5680, 46.8891, 51.0622**.

A 20% lighter version of the original color is **80.4236, 86.0988, 85.7787**, and **20.6208, 22.2802, 21.3028** is the 20% darker color. If you saturate the color by 10%, you get **41.5340, 46.1781, 37.5591**, and if you desaturate by 10%, it is **46.6822, 48.4203, 56.4080**.

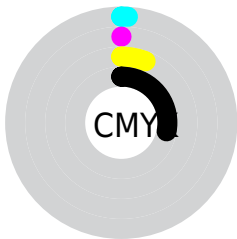
Distribution



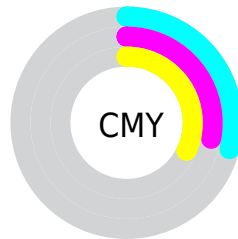
- Red (71%)
- Green (72%)
- Blue (68%)



- Red (68%)
- Yellow (72%)
- Blue (69%)



- Cyan (1%)
- Magenta (0%)
- Yellow (6%)
- Black (28%)



- Cyan (29%)
- Magenta (28%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.9747, 47.2432, 46.3363 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 43.9747, 47.2432, 46.3363 by changing the saturation by 10% instead.

■ 43.9747, 47.2432,
46.3363

■ 43.9747, 47.2432,
46.3363

353.4590,
375.7845, 388.4758

■ 30.8484, 33.2280,
32.1607

■ 80.4263, 86.0765,
86.0617

■ 20.6347, 22.3011,
21.2184

104.4823,
111.6634, 112.4485

■ 12.9682, 14.0783,
13.0910

132.9122,
141.8763, 143.7428

■ 7.4835, 8.1752,
7.3598

166.0815,
177.0995, 180.3632

■ 3.8153, 4.2072,
3.6063

204.3555,
217.7176, 222.7281

■ 1.5982, 1.7902,
1.4119

248.0995,

■ 0.3912, 0.4810,

264.1148, 271.2562

0.1510

297.6789,
316.6757, 326.3659

■ 0.0000, 0.0000,
0.0000

■ 43.9747, 47.2432,
46.3363

■ 43.9747, 47.2432,
46.3363

■ 41.5340, 46.1781,
37.5591

■ 46.6822, 48.4203,
56.4080

■ 39.3461, 45.2148,
30.0209

■ 49.6622, 49.7069,
67.8206

■ 37.4016, 44.3510,
23.6666

■ 52.9249, 51.1090,
80.6220

■ 35.6888, 43.5820,
18.4360

■ 56.4789, 52.6298,
94.8568

■ 34.1952, 42.9028,
14.2632

■ 58.6795, 53.6114,
101.8630

■ 32.9068, 42.3078,
11.0759

■ 59.5770, 54.0741,
101.9050

■ 31.8080, 41.7908,
8.7924

■ 60.4942, 54.5469,
101.9480

■ 30.8807, 41.3444,
7.3182

■ 61.4312, 55.0300,
101.9918

■ 30.1018, 40.9595,
6.5319

■ 62.3882, 55.5233,
102.0366

Harmonies

Analogous

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



45.0158, 47.2432, 45.7500



43.9747, 47.2432, 46.3363



43.1935, 47.2432, 48.2715

Triad

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



43.9747, 47.2432, 46.3363



43.7829, 47.2432, 56.5611



46.9999, 47.2432, 51.7626

Complementary

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



43.9747, 47.2432, 46.3363



41.2764, 42.4631, 51.3706

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.



46.6576, 47.2432, 54.7438



43.9747, 47.2432, 46.3363



44.7909, 47.2432, 57.5828

Square

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



43.9747, 47.2432, 46.3363



43.0840, 47.2432, 54.1644



45.8448, 47.2432, 56.9049



46.7730, 47.2432, 48.8082

Rectangle

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



43.9747, 47.2432, 46.3363



42.9193, 47.2432, 50.1074



45.8448, 47.2432, 56.9049



46.9474, 47.2432, 52.7956

Sweetspot

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



43.9760, 47.2452, 46.3373



81.5919, 86.4570, 90.9136



42.6091, 43.8039, 45.7451



17.6007, 18.6432, 19.6404



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



43.9760, 47.2452, 46.3373



79.1870, 85.4105, 82.0685



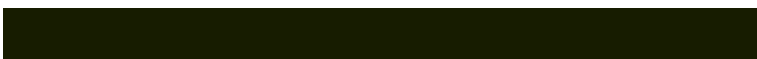
42.7406, 46.6084, 46.2795



9.6896, 10.4639, 9.9905



20.5990, 28.1555, 4.3489



0.7685, 1.0144, 0.1553

Inverse Universe

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



41.2764, 42.4631, 51.3706



73.4069, 75.1715, 92.8452



42.4969, 43.0923, 51.4277



8.9476, 9.1495, 11.3739



6.4505, 2.6366, 31.4220



0.2741, 0.1170, 1.1099

Previews

White Background



This preview shows how the XYZ color 43.9747, 47.2432, 46.3363 looks on a white background.

Color Contrast Check

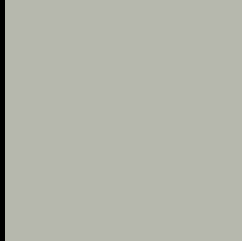
Large Text (above 18pt) WCAG AA × Fail

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 43.9747, 47.2432, 46.3363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

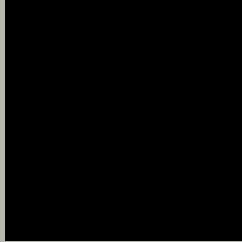
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

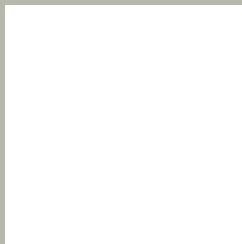
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.9747, 47.2432, 46.3363

Background



This preview shows how black text looks on a background with the XYZ color 43.9747, 47.2432, 46.3363.



This preview shows how white text looks on a background with the XYZ color 43.9747, 47.2432,

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

43.9747, 47.2432, 46.3363

Protanopia

45.1606, 47.2533, 45.7703

Deuteranopia

47.9907, 47.1968, 46.6249



Tritanopia

46.3818, 47.3022, 58.3154

Trichromacy



Original Color

43.9747, 47.2432, 46.3363

Protanomaly

44.6296, 47.2846, 45.8043

Deuteranomaly

46.4669, 47.3006, 46.7253

Tritanomaly

45.4648, 47.2341, 53.7346

Monochromacy



Original Color

43.9747, 47.2432, 46.3363

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

44.3616, 47.0667, 49.3945

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.9747, 47.2432, 46.3363 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(182, 184, 173)` looks like.

```
.text, #text, p{  
    color:rgb(182, 184, 173)  
}
```

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(182, 184, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 184, 173) }
```

Border

The CSS property to change the border of an element to XYZ 43.9747, 47.2432, 46.3363 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(182, 184, 173) }
```


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

```
.border{ border-color:rgb(182, 184, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 184, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 184, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 184, 173);  
box-shadow:4px 4px 4px 4px rgb(182, 184,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 43.9747, 47.2432, 46.3363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 184, 173) }
```

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

```
.background{ background-color: rgb(182,  
184, 173) }
```

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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