

Converting Colors

XYZ(43.4581, 47.7059, 43.7487)

Have a look what the booklet for
XYZ(43.4581, 47.7059, 43.7487)
contains.

XYZ(43.4492, 47.6483, 43.9528)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.4492, 47.6483,
43.9528)**

Conversions

Conversions Part 1

Format	Color
Hex	B4BAA8
RGB	180, 186, 168
RGB Percent	71%, 73%, 66%
CMY	0.2941, 0.2706, 0.3412
CMYK	0.03, 0.00, 0.10, 0.27
HSL	80°, 12%, 69%
HSV	80°, 10%, 73%
XYZ	43.4492, 47.6483, 43.9528
YIQ	182.1540, 2.2020, -6.8700

Conversions

Conversions Part 2

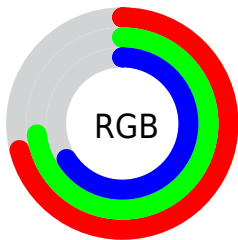
Format	Color
R_{YB}	168, 186, 174
Decimal	11844264
CIE _{Lab}	74.60, -5.36, 8.40
CIE _{LCh}	75, 9.965, 122.537
Yxy	47.6483, 0.3217, 0.3528
Android (android.graphics.Color)	4290034344 (0xFFB4BAA8)
YUV	182.1540, -6.9779, -1.8891
Hunter-Lab	69.0277, -8.4426, 10.5670

Details

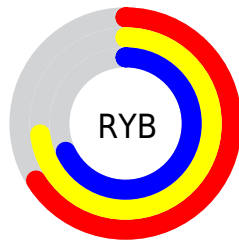
The XYZ color **43.4492, 47.6483, 43.9528** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **40.3230, 40.5504, 52.1587**, and the grayscale version is **44.5844, 46.9063, 51.0809**.

A 20% lighter version of the original color is **79.6635, 86.6648, 82.3413**, and **20.2923, 22.5480, 19.8057** is the 20% darker color. If you saturate the color by 10%, you get **40.4274, 46.2780, 35.4037**, and if you desaturate by 10%, it is **46.7862, 49.1552, 53.8126**.

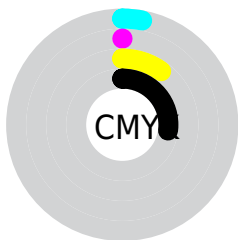
Distribution



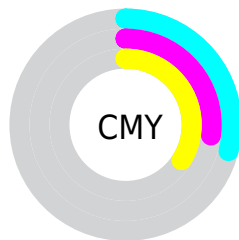
- Red (71%)
- Green (73%)
- Blue (66%)



- Red (66%)
- Yellow (73%)
- Blue (68%)



- Cyan (3%)
- Magenta (0%)
- Yellow (10%)
- Black (27%)



- Cyan (29%)
- Magenta (27%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.4492, 47.6483, 43.9528 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 43.4492, 47.6483, 43.9528 by changing the saturation by 10% instead.

■ 43.4492, 47.6483,
43.9528

■ 43.4492, 47.6483,
43.9528

351.3461,
377.3964, 378.5513

■ 30.4338, 33.5485,
30.2965

■ 79.6398, 86.6805,
82.4484

■ 20.3178, 22.5469,
19.8098

103.5456,
112.3817, 108.1248

■ 12.7358, 14.2593,
12.0741

131.8123,
142.7188, 138.6450

■ 7.3226, 8.3012,
6.6710

164.8053,
178.0761, 174.4275

■ 3.7128, 4.2883,
3.1819

202.8897,
218.8382, 215.8908

■ 1.5410, 1.8361,
1.1883

246.4311,

■ 0.3535, 0.5095,

265.3893, 263.4535

0.0000

295.7948,
318.1139, 317.5342

■ 0.0000, 0.0000,
0.0000

■ 43.4492, 47.6483,
43.9528

■ 43.4492, 47.6483,
43.9528

■ 40.4274, 46.2780,
35.4037

■ 46.7862, 49.1552,
53.8126

■ 37.7055, 45.0335,
28.1069

■ 50.4451, 50.7969,
65.0318

■ 35.2728, 43.9120,
22.0045

■ 54.4374, 52.5796,
77.6606

■ 33.1163, 42.9081,
17.0324

■ 58.7726, 54.5073,
91.7456

■ 31.2219, 42.0161,
13.1208

■ 62.4781, 56.1909,
102.1607

■ 29.5738, 41.2296,
10.1921

■ 64.2899, 57.1249,
102.2455

■ 28.1545, 40.5414,
8.1581

■ 66.1711, 58.0946,
102.3335

■ 26.9432, 39.9433,
6.9147

■ 68.1223, 59.1005,
102.4248

■ 25.9007, 39.4192,
6.2607

■ 70.1443, 60.1429,
102.5195

Harmonies

Analogous

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



45.1350, 47.6483, 42.5808



43.4492, 47.6483, 43.9528



42.2813, 47.6483, 47.4355

Triad

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



43.4492, 47.6483, 43.9528



43.7082, 47.6483, 61.1985



48.8407, 47.6483, 51.4427

Complementary

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



43.4492, 47.6483, 43.9528



40.3230, 40.5504, 52.1587

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.



48.4345, 47.6483, 56.5957



43.4492, 47.6483, 43.9528



45.4419, 47.6483, 62.4452

Square

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



43.4492, 47.6483, 43.9528



42.4281, 47.6483, 57.4061



47.1785, 47.6483, 60.7093



48.2742, 47.6483, 46.7221

Rectangle

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



43.4492, 47.6483, 43.9528



41.9371, 47.6483, 50.6019



47.1785, 47.6483, 60.7093



48.8133, 47.6483, 53.1812

Sweetspot

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



43.4505, 47.6504, 43.9538



82.6958, 88.1452, 91.2392



42.4554, 43.5399, 43.2129



18.1019, 19.3619, 19.7686



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.



43.4505, 47.6504, 43.9538



77.3191, 85.7154, 75.5402



41.4229, 46.6051, 43.8589



9.4513, 10.3493, 9.6064



17.4847, 26.5500, 4.2031



0.6791, 0.9683, 0.1511

Inverse Universe

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



40.3230, 40.5504, 52.1587



70.2968, 69.7729, 93.9639



42.3957, 41.6189, 52.2557



8.7958, 8.8611, 11.3262



7.3723, 3.1118, 31.4651



0.3273, 0.1444, 1.1124

Previews

White Background



This preview shows how the XYZ color 43.4492, 47.6483, 43.9528 looks on a white background.

Color Contrast Check

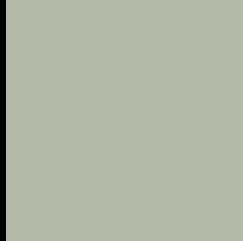
Large Text (above 18pt) WCAG AA × Fail

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 43.4492, 47.6483, 43.9528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

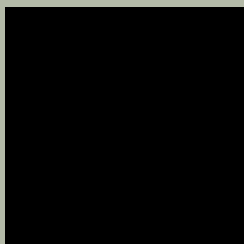
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.4492, 47.6483, 43.9528

Background



This preview shows how black text looks on a background with the XYZ color 43.4492, 47.6483, 43.9528.



This preview shows how white text looks on a background with the XYZ color 43.4492, 47.6483,

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

43.4492, 47.6483, 43.9528

Protanopia

45.3023, 47.6965, 42.8951

Deuteranopia

48.4314, 47.4684, 44.6399



Tritanopia

46.4589, 47.6318, 58.9698

Trichromacy



Original Color

43.4492, 47.6483, 43.9528

Protanomaly

44.6091, 47.6358, 43.4027

Deuteranomaly

46.5086, 47.3774, 44.2296

Tritanomaly

45.3249, 47.4794, 53.2299

Monochromacy



Original Color

43.4492, 47.6483, 43.9528

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.9254, 46.8651, 48.3257

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4492, 47.6483, 43.9528 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(180, 186, 168)` looks like.

```
.text, #text, p{  
    color:rgb(180, 186, 168)  
}
```

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(180, 186, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 186, 168) }
```

Border

The CSS property to change the border of an element to XYZ 43.4492, 47.6483, 43.9528 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(180, 186, 168) }
```


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

```
.border{ border-color:rgb(180, 186, 168) }
```

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

Here you see how a box with a 4 pixel rgb(180, 186, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 186, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 186, 168);  
box-shadow:4px 4px 4px 4px rgb(180, 186,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4492, 47.6483, 43.9528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 186, 168) }
```

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

```
.background{ background-color: rgb(180,  
186, 168) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor