

Converting Colors

XYZ(47.4594, 49.3754, 48.3859)

Have a look what the booklet for
XYZ(47.4594, 49.3754, 48.3859)
contains.

XYZ(47.5329, 49.3416, 48.6136)	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(47.5329, 49.3416,
48.6136)**

Conversions

Conversions Part 1

Format	Color
Hex	C2B9B1
RGB	194, 185, 177
RGB Percent	76%, 73%, 69%
CMY	0.2392, 0.2745, 0.3059
CMYK	0.00, 0.05, 0.09, 0.24
HSL	28°, 12%, 73%
HSV	28°, 9%, 76%
XYZ	47.5329, 49.3416, 48.6136
YIQ	186.7790, 7.9320, -0.5800

Conversions

Conversions Part 2

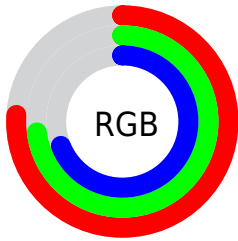
Format	Color
RYB	194, 192, 177
Decimal	12761521
CIELab	75.66, 1.78, 5.18
CIElCh	76, 5.475, 71.076
Yxy	49.3416, 0.3267, 0.3391
Android (android.graphics.Color)	4290951601 (0xFFC2B9B1)
YUV	186.7790, -4.8210, 6.3328
Hunter-Lab	70.2436, -2.1377, 8.1376

Details

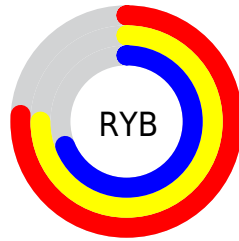
The XYZ color **47.5329, 49.3416, 48.6136** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.4278, 48.3591, 57.9794**, and the grayscale version is **47.1339, 49.5885, 54.0019**.

A 20% lighter version of the original color is **85.9469, 89.3030, 89.7981**, and **22.7046, 23.5332, 22.4145** is the 20% darker color. If you saturate the color by 10%, you get **43.6647, 44.4826, 38.4527**, and if you desaturate by 10%, it is **51.8339, 54.6251, 60.2762**.

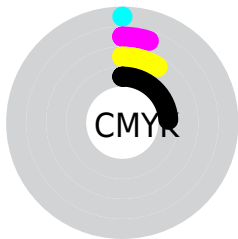
Distribution



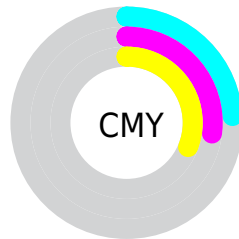
- Red (76%)
- Green (73%)
- Blue (69%)



- Red (76%)
- Yellow (75%)
- Blue (69%)



- Cyan (0%)
- Magenta (5%)
- Yellow (9%)
- Black (24%)



- Cyan (24%)
- Magenta (27%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.5329, 49.3416, 48.6136 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 47.5329, 49.3416, 48.6136 by changing the saturation by 10% instead.

■ 47.5329, 49.3416,
48.6136

■ 47.5329, 49.3416,
48.6136

367.5511,
384.0856, 397.7978

■ 33.6668, 34.8905,
33.9496

■ 85.7224, 89.1986,
89.4923

■ 22.7995, 23.5786,
22.5779

110.7766,
115.3733, 116.5442

■ 14.5654, 15.0213,
14.0797

140.2909,
146.2247, 148.5624

■ 8.5992, 8.8343,
8.0368

174.6307,
182.1372, 185.9655

■ 4.5357, 4.6333,
4.0304

214.1612,
223.4951, 229.1720

■ 2.0095, 2.0337,
1.6420

259.2479,

■ 0.6393, 0.6270,

270.6829, 278.6006

0.3205

310.2561,
324.0849, 334.6697

■ 0.0000, 0.0000,
0.0000

■ 47.5329, 49.3416,
48.6136

■ 47.5329, 49.3416,
48.6136

■ 43.6647, 44.4826,
38.4527

■ 51.8339, 54.6251,
60.2762

■ 40.2105, 40.0304,
29.7285

■ 56.5775, 60.3374,
73.4956

■ 37.1557, 35.9757,
22.3759

■ 61.7786, 66.4906,
88.3280

■ 34.4838, 32.3061,
16.3234

■ 67.4498, 73.0949,
104.8257

■ 32.1763, 29.0085,
11.4929

■ 70.3909, 78.8745,
106.1221

■ 30.2134, 26.0690,
7.7981

■ 73.4379, 84.9686,
107.1377

■ 28.5729, 23.4725,
5.1409

■ 76.0583, 90.2094,
108.0112

■ 27.2289, 21.2020,
3.4063

■ 26.1415, 19.2346,
2.4038

Harmonies

Analogous

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



48.3829, 49.3416, 50.1384



47.5329, 49.3416, 48.6136



46.5241, 49.3416, 48.4288

Triad

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



47.5329, 49.3416, 48.6136



45.0101, 49.3416, 54.8045



48.1905, 49.3416, 58.0450

Complementary

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



47.5329, 49.3416, 48.6136



45.4278, 48.3591, 57.9794

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.



47.2733, 49.3416, 59.3931



47.5329, 49.3416, 48.6136



45.4432, 49.3416, 57.4778

Square

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



47.5329, 49.3416, 48.6136



45.0774, 49.3416, 51.9339



46.2682, 49.3416, 59.1819



48.7664, 49.3416, 55.5560

Rectangle

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



47.5329, 49.3416, 48.6136



45.8985, 49.3416, 49.0825



46.2682, 49.3416, 59.1819



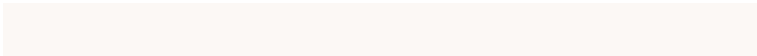
47.9114, 49.3416, 58.6506

Sweetspot

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



47.5343, 49.3438, 48.6147



90.4741, 94.7716, 99.8116



46.8409, 46.4623, 52.9915



19.6732, 20.5825, 21.4785



0.0000, 0.0000, 0.0000



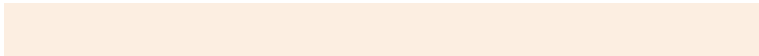
20.3446, 21.4041, 23.3091

Same Dimension

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



47.5343, 49.3438, 48.6147



84.3582, 87.2046, 83.3919



49.3504, 52.9760, 49.2200



10.4554, 10.8423, 10.6036



17.1869, 12.6595, 1.5377



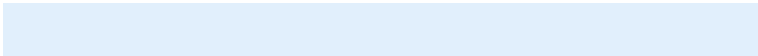
0.8115, 0.6849, 0.0894

Inverse Universe

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



45.4278, 48.3591, 57.9794



79.5706, 84.9665, 104.6761



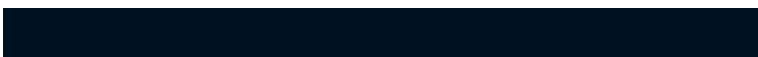
43.7040, 44.9115, 57.4048



9.9596, 10.6105, 12.8079



9.6519, 9.0602, 34.7967



0.4856, 0.5286, 1.5263

Previews

White Background



This preview shows how the XYZ color 47.5329, 49.3416, 48.6136 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 47.5329, 49.3416, 48.6136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

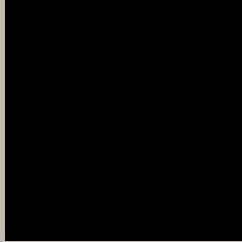
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.5329, 49.3416, 48.6136

Background



This preview shows how black text looks on a background with the XYZ color 47.5329, 49.3416, 48.6136.

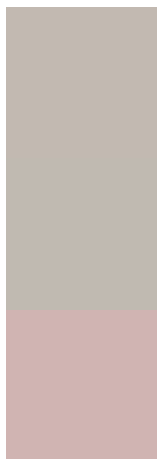


This preview shows how white text looks on a background with the XYZ color 47.5329, 49.3416,

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

47.5329, 49.3416, 48.6136

Protanopia

47.2329, 49.4986, 48.6597

Deuteranopia

50.3696, 49.2668, 48.9742



Tritanopia

49.7177, 49.3117, 59.1223

Trichromacy



Original Color

47.5329, 49.3416, 48.6136

Protanomaly

47.4870, 49.6296, 48.6716

Deuteranomaly

49.3924, 49.3668, 49.0450

Tritanomaly

48.8837, 49.2769, 55.0790

Monochromacy



Original Color

47.5329, 49.3416, 48.6136

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.3414, 49.4839, 51.8559

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5329, 49.3416, 48.6136 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(194, 185, 177)` looks like.

```
.text, #text, p{  
    color:rgb(194, 185, 177)  
}
```

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(194, 185, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 185, 177) }
```

Border

The CSS property to change the border of an element to XYZ 47.5329, 49.3416, 48.6136 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(194, 185, 177) }
```


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

```
.border{ border-color:rgb(194, 185, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 185, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 185, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 185, 177);  
box-shadow:4px 4px 4px 4px rgb(194, 185,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5329, 49.3416, 48.6136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 185, 177) }
```

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

```
.background{ background-color: rgb(194,  
185, 177) }
```

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