

Converting Colors

XYZ(47.7429, 49.7615, 48.6836)

Have a look what the booklet for
XYZ(47.7429, 49.7615, 48.6836)
contains.

XYZ(47.7429, 49.7615, 48.6836)	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(47.7429, 49.7615,
48.6836)**

Conversions

Conversions Part 1

Format	Color
Hex	C2BAB1
RGB	194, 186, 177
RGB Percent	76%, 73%, 69%
CMY	0.2392, 0.2706, 0.3059
CMYK	0.00, 0.04, 0.09, 0.24
HSL	32°, 12%, 73%
HSV	32°, 9%, 76%
XYZ	47.7429, 49.7615, 48.6836
YIQ	187.3660, 7.6570, -1.1030

Conversions

Conversions Part 2

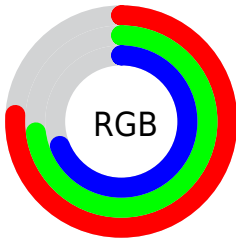
Format	Color
RYB	192, 194, 177
Decimal	12761777
CIELab	75.92, 1.24, 5.55
CIElCh	76, 5.690, 77.395
Yxy	49.7615, 0.3266, 0.3404
Android (android.graphics.Color)	4290951857 (0xFFC2BAB1)
YUV	187.3660, -5.1104, 5.8180
Hunter-Lab	70.5418, -2.6389, 8.4610

Details

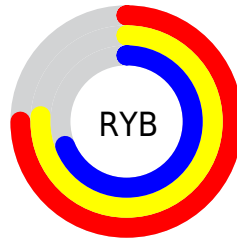
The XYZ color **47.7429, 49.7615, 48.6836** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.2180, 47.9393, 57.9095**, and the grayscale version is **47.4669, 49.9389, 54.3834**.

A 20% lighter version of the original color is **86.2438, 89.8967, 89.8971**, and **22.8408, 23.8057, 22.4599** is the 20% darker color. If you saturate the color by 10%, you get **44.0840, 45.3210, 38.5925**, and if you desaturate by 10%, it is **51.8023, 54.5619, 60.2657**.

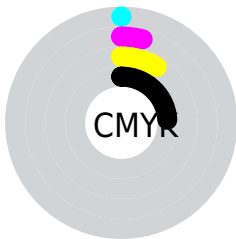
Distribution



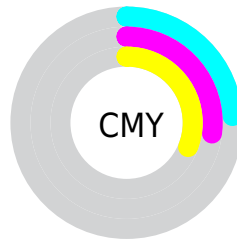
- Red (76%)
- Green (73%)
- Blue (69%)



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



- Cyan (0%)
- Magenta (4%)
- Yellow (9%)
- Black (24%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.7429, 49.7615, 48.6836 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 47.7429, 49.7615, 48.6836 by changing the saturation by 10% instead.

■ 47.7429, 49.7615,
48.6836

■ 47.7429, 49.7615,
48.6836

368.3717,
385.7325, 398.0820

■ 33.8337, 35.2239,
34.0047

■ 86.0335, 89.8214,
89.5975

■ 22.9282, 23.8354,
22.6198

111.1456,
116.1125, 116.6695

■ 14.6609, 15.2116,
14.1104

140.7228,
147.0903, 148.7098

■ 8.6665, 8.9680,
8.0579

175.1304,
183.1391, 186.1367

■ 4.5797, 4.7203,
4.0437

214.7337,
224.6433, 229.3688

■ 2.0350, 2.0841,
1.6493

259.8981,

■ 0.6535, 0.6557,

271.9874, 278.8247

0.3257

310.9890,
325.5556, 334.9229

■ 0.0000, 0.0000,
0.0000

■ 47.7429, 49.7615,
48.6836

■ 47.7429, 49.7615,
48.6836

■ 44.0840, 45.3210,
38.5925

■ 51.8023, 54.5619,
60.2657

■ 40.8077, 41.2248,
29.9276

■ 56.2711, 59.7244,
73.3935

■ 37.9006, 37.4653,
22.6241

■ 61.1632, 65.2597,
88.1229

■ 35.3470, 34.0324,
16.6111

■ 66.4904, 71.1759,
104.5059

■ 33.1298, 30.9154,
11.8107

■ 69.0515, 76.1957,
105.6756

■ 31.2302, 28.1025,
8.1370

■ 71.6819, 81.4565,
106.5524

■ 29.6273, 25.5812,
5.4924

■ 74.4476, 86.9879,
107.4743

■ 28.2966, 23.3372,
3.7621

■ 76.0584, 90.2095,
108.0112

■ 27.1994, 21.3504,
2.7564

Harmonies

Analogous

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



48.6897, 49.7615, 49.9987



47.7429, 49.7615, 48.6836



46.6902, 49.7615, 48.8013

Triad

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



47.7429, 49.7615, 48.6836



45.3787, 49.7615, 55.9454



48.8126, 49.7615, 58.2293

Complementary

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



47.7429, 49.7615, 48.6836



45.2180, 47.9393, 57.9095

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.



47.9087, 49.7615, 59.9440



47.7429, 49.7615, 48.6836



45.9307, 49.7615, 58.5920

Square

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



47.7429, 49.7615, 48.6836



45.3359, 49.7615, 52.9182



46.8535, 49.7615, 60.0792



49.3135, 49.7615, 55.4654

Rectangle

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



47.7429, 49.7615, 48.6836



46.0700, 49.7615, 49.6762



46.8535, 49.7615, 60.0792



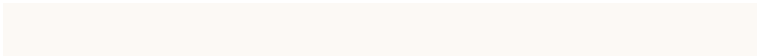
48.5452, 49.7615, 58.9519

Sweetspot

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



47.7443, 49.7637, 48.6847



90.6116, 95.0465, 99.8574



46.7508, 46.4263, 52.5168



19.7112, 20.6584, 21.4912



0.0000, 0.0000, 0.0000



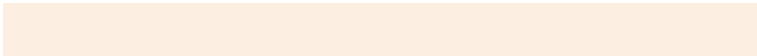
20.3446, 21.4041, 23.3091

Same Dimension

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



47.7443, 49.7637, 48.6847



84.8353, 88.1587, 83.5509



49.4037, 53.1905, 49.2586



10.5049, 10.9411, 10.6201



17.8826, 14.0509, 1.7696



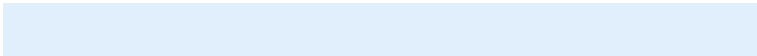
0.8412, 0.7442, 0.0993

Inverse Universe

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



45.2180, 47.9393, 57.9095



79.0936, 84.0125, 104.5171



43.6565, 44.7205, 57.3705



9.9102, 10.5117, 12.7915



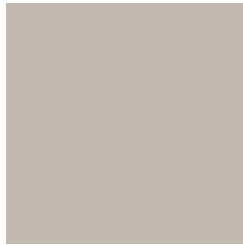
8.9569, 7.6702, 34.5650



0.4559, 0.4693, 1.5164

Previews

White Background



This preview shows how the XYZ color 47.7429, 49.7615, 48.6836 looks on a white background.

Color Contrast Check

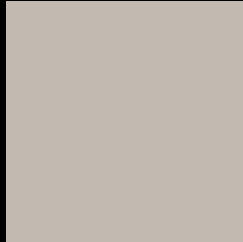
Large Text (above 18pt) WCAG AA × Fail

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 47.7429, 49.7615, 48.6836 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

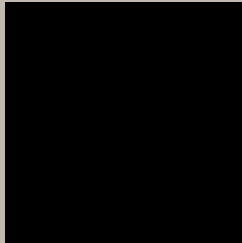
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

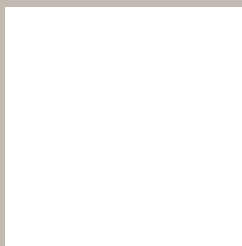
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.7429, 49.7615, 48.6836

Background



This preview shows how black text looks on a background with the XYZ color 47.7429, 49.7615, 48.6836.

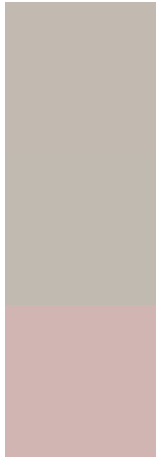


This preview shows how white text looks on a background with the XYZ color 47.7429, 49.7615,

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

47.7429, 49.7615, 48.6836

Protanopia

47.4870, 49.6296, 48.6716

Deuteranopia

50.8543, 49.8174, 49.0549



Tritanopia

50.0375, 49.7685, 59.7923

Trichromacy



Original Color

47.7429, 49.7615, 48.6836

Protanomaly

47.4870, 49.6296, 48.6716

Deuteranomaly

49.8712, 49.9187, 49.1263

Tritanomaly

49.1997, 49.7344, 55.7218

Monochromacy



Original Color

47.7429, 49.7615, 48.6836

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.5528, 49.9067, 51.9264

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.7429, 49.7615, 48.6836 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, 186, 177)` looks like.

```
.text, #text, p{  
    color:rgb(194, 186, 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, 186, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 186, 177) }
```

Border

The CSS property to change the border of an element to XYZ 47.7429, 49.7615, 48.6836 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, 186, 177) }
```


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

```
.border{ border-color:rgb(194, 186, 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, 186, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 186, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 186, 177);  
box-shadow:4px 4px 4px 4px rgb(194, 186,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 47.7429, 49.7615, 48.6836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 186, 177) }
```

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

```
.background{ background-color: rgb(194,  
186, 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](#).

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