

Converting Colors

XYZ(48.2673, 48.3818, 47.2796)

Have a look what the booklet for
XYZ(48.2673, 48.3818, 47.2796)
contains.

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Color

**XYZ(48.3491, 48.5604,
47.3823)**

Conversions

Conversions Part 1

Format	Color
Hex	C9B5AF
RGB	201, 181, 175
RGB Percent	79%, 71%, 69%
CMY	0.2118, 0.2902, 0.3137
CMYK	0.00, 0.10, 0.13, 0.21
HSL	14°, 19%, 74%
HSV	14°, 13%, 79%
XYZ	48.3491, 48.5604, 47.3823
YIQ	186.2960, 13.8460, 2.3740

Conversions

Conversions Part 2

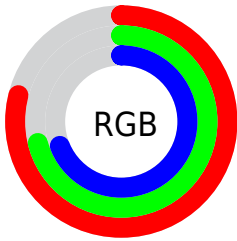
Format	Color
R _Y B	201, 183, 175
Decimal	13219247
CIE Lab	75.18, 6.13, 5.64
CIE LCh	75, 8.332, 42.626
Yxy	48.5604, 0.3351, 0.3365
Android (android.graphics.Color)	4291409327 (0xFFC9B5AF)
YUV	186.2960, -5.5689, 12.8954
Hunter-Lab	69.6853, 1.8977, 8.4657

Details

The XYZ color **48.3491, 48.5604, 47.3823** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.7366, 52.3601, 62.8492**, and the grayscale version is **46.8640, 49.3046, 53.6927**.

A 20% lighter version of the original color is **85.8071, 87.5415, 87.2376**, and **23.3269, 23.0714, 21.9627** is the 20% darker color. If you saturate the color by 10%, you get **43.5495, 41.8886, 36.7569**, and if you desaturate by 10%, it is **53.7940, 56.0517, 59.6737**.

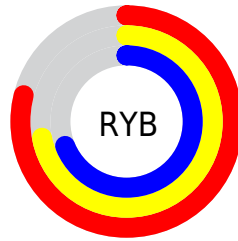
Distribution



Red (79%)

Green (71%)

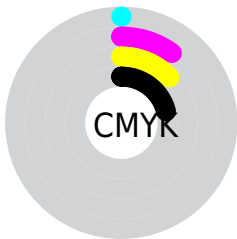
Blue (69%)



Red (79%)

Yellow (72%)

Blue (69%)

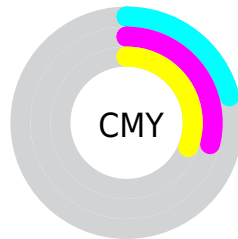


Cyan (0%)

Magenta (10%)

Yellow (13%)

Black (21%)



Cyan (21%)


Magenta (29%)


Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.3491, 48.5604, 47.3823 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 48.3491, 48.5604, 47.3823 by changing the saturation by 10% instead.


 48.3491, 48.5604,
47.3823

 48.3491, 48.5604,
47.3823


370.7338,
381.0091, 392.7763

 34.3158, 34.2709,
32.9815


 86.9305, 88.0382,
87.6399

 23.3004, 23.1018,
21.8413


112.2094,
113.9953, 114.3338

 14.9374, 14.6687,
13.5431


141.9674,
144.6103, 145.9625

 8.8615, 8.5872,
7.6685

176.5701,
180.2678, 182.9445

 4.7073, 4.4729,
3.7988

216.3827,
221.3520, 225.6983

 2.1096, 1.9415,
1.5156

261.7706,

 0.6944, 0.5731,

268.2473, 274.6425

0.2295

313.0992,
321.3383, 330.1957

■ 0.0000, 0.0000,
0.0000

■ 48.3491, 48.5604,
47.3823

■ 48.3491, 48.5604,
47.3823

■ 43.5495, 41.8886,
36.7569

■ 53.7940, 56.0517,
59.6737

■ 39.3671, 36.0019,
27.7226

■ 59.9033, 64.3824,
73.6956

■ 35.7772, 30.8731,
20.2031

■ 66.7000, 73.5800,
89.5128

■ 32.7521, 26.4708,
14.1148

■ 74.1402, 83.6429,
106.8448

■ 30.2619, 22.7614,
9.3659

■ 77.8976, 91.1576,
108.0973

■ 28.2734, 19.7087,
5.8536

■ 26.7497, 17.2729,
3.4604

■ 25.6480, 15.4094,
2.0452

■ 25.0808, 14.4041,
1.4584

Harmonies

Analogous

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



49.0795, 48.5604, 51.0575



48.3491, 48.5604, 47.3823



47.0374, 48.5604, 45.2492

Triad

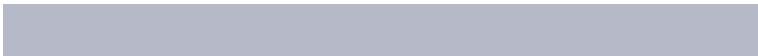
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



48.3491, 48.5604, 47.3823



43.4098, 48.5604, 50.4030



46.7999, 48.5604, 61.5099

Complementary

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



48.3491, 48.5604, 47.3823



47.7366, 52.3601, 62.8492

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.



45.2841, 48.5604, 61.3107



48.3491, 48.5604, 47.3823



43.3494, 48.5604, 54.7332

Square

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



48.3491, 48.5604, 47.3823



44.1956, 48.5604, 46.9260



44.0287, 48.5604, 58.7745



48.1719, 48.5604, 59.3046

Rectangle

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



48.3491, 48.5604, 47.3823



46.0208, 48.5604, 44.9122



44.0287, 48.5604, 58.7745



46.2898, 48.5604, 61.7252

Sweetspot

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



48.3504, 48.5626, 47.3833



90.9992, 94.4569, 99.6620



49.3097, 47.0349, 58.3276



19.3190, 20.0002, 20.9716



0.0000, 0.0000, 0.0000



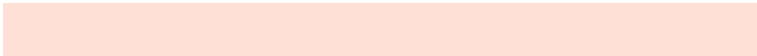
20.3446, 21.4041, 23.3091

Same Dimension

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



48.3504, 48.5626, 47.3833



79.9571, 79.2332, 74.8317



51.0360, 53.9337, 48.2785



10.8293, 11.0278, 11.1206



15.8283, 9.1738, 0.9365



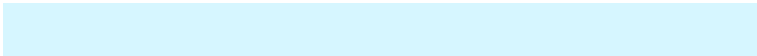
0.8066, 0.5486, 0.0634

Inverse Universe

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



47.7366, 52.3601, 62.8492



78.6677, 87.2018, 107.2931



45.0256, 46.9380, 61.9455



10.7311, 11.6362, 13.5979



14.0278, 17.4495, 37.3731



0.7164, 0.9305, 1.7870

Previews

White Background



This preview shows how the XYZ color 48.3491, 48.5604, 47.3823 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 48.3491, 48.5604, 47.3823 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

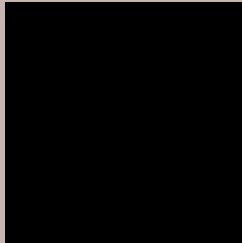
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.3491, 48.5604, 47.3823

Background



This preview shows how black text looks on a background with the XYZ color 48.3491, 48.5604, 47.3823.



This preview shows how white text looks on a background with the XYZ color 48.3491, 48.5604,

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

48.3491, 48.5604, 47.3823

Protanopia

46.3115, 48.4025, 48.4967

Deuteranopia

49.5901, 48.6007, 47.3246



Tritanopia

50.0634, 48.3431, 56.5617

Trichromacy



Original Color

48.3491, 48.5604, 47.3823

Protanomaly

47.0181, 48.4709, 47.9520

Deuteranomaly

49.2360, 48.7168, 47.3657

Tritanomaly

49.3401, 48.3419, 53.1848

Monochromacy



Original Color

48.3491, 48.5604, 47.3823

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

47.0698, 48.7347, 51.1819

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.3491, 48.5604, 47.3823 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(201, 181, 175)` looks like.

```
.text, #text, p{  
    color:rgb(201, 181, 175)  
}
```

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(201, 181, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 181, 175) }
```

Border

The CSS property to change the border of an element to XYZ 48.3491, 48.5604, 47.3823 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(201, 181, 175) }
```


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

```
.border{ border-color:rgb(201, 181, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 181, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 181, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 181, 175);  
box-shadow:4px 4px 4px 4px rgb(201, 181,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 48.3491, 48.5604, 47.3823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 181, 175) }
```

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

```
.background{ background-color: rgb(201,  
181, 175) }
```

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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