

Converting Colors

XYZ(47.3561, 48.0204, 43.3329)

Have a look what the booklet for
XYZ(47.3561, 48.0204, 43.3329)
contains.

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Color

**XYZ(47.3183, 48.1171,
43.3528)**

Conversions

Conversions Part 1

Format	Color
Hex	C8B5A7
RGB	200, 181, 167
RGB Percent	78%, 71%, 65%
CMY	0.2157, 0.2902, 0.3451
CMYK	0.00, 0.09, 0.16, 0.22
HSL	25°, 23%, 72%
HSV	25°, 16%, 78%
XYZ	47.3183, 48.1171, 43.3528
YIQ	185.0850, 15.8180, -0.3260

Conversions

Conversions Part 2

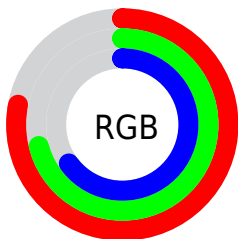
Format	Color
R _Y B	200, 191, 167
Decimal	13153703
CIE Lab	74.90, 4.47, 9.59
CIE LCh	75, 10.579, 64.986
Yxy	48.1171, 0.3409, 0.3467
Android (android.graphics.Color)	4291343783 (0xFFC8B5A7)
YUV	185.0850, -8.9159, 13.0805
Hunter-Lab	69.3665, 0.3723, 11.5014

Details

The XYZ color **47.3183, 48.1171, 43.3528** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.9203, 47.5023, 61.4979**, and the grayscale version is **46.2043, 48.6105, 52.9369**.

A 20% lighter version of the original color is **84.7090, 87.1023, 81.4550**, and **22.6677, 22.7871, 19.4233** is the 20% darker color. If you saturate the color by 10%, you get **43.3658, 42.9454, 33.6080**, and if you desaturate by 10%, it is **51.7529, 53.7944, 54.6702**.

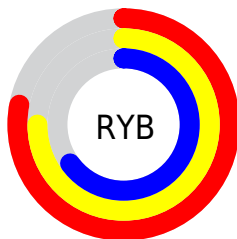
Distribution



Red (78%)

Green (71%)

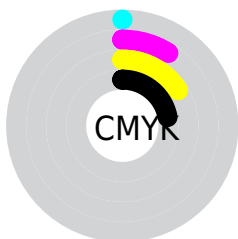
Blue (65%)



Red (78%)

Yellow (75%)

Blue (65%)

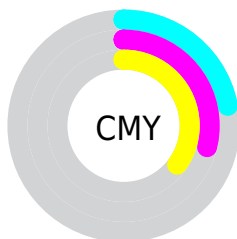


Cyan (0%)

Magenta (9%)

Yellow (16%)

Black (22%)



Cyan (22%)

Magenta (29%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.3183, 48.1171, 43.3528 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 47.3183, 48.1171, 43.3528 by changing the saturation by 10% instead.

 47.3183, 48.1171,
43.3528


 47.3183, 48.1171,
43.3528


366.7113,
379.2561, 376.0244

 33.4964, 33.9196,
29.8286


 85.4044, 87.3787,
81.5350

 22.6680, 22.8319,
19.4576


 110.3993,
113.2117, 107.0301

 14.4679, 14.4694,
11.8212

139.8492,
143.6919, 137.3526

 8.5307, 8.4479,
6.5010

174.1194,
179.2038, 172.9210

 4.4910, 4.3828,
3.0784

213.5754,
220.1318, 214.1538

 1.9835, 1.8899,
1.1348

258.5825,

 0.6247, 0.5423,

266.8602, 261.4696

0.0000

309.5060,
319.7735, 315.2870

■ 0.0000, 0.0000,
0.0000

■ 47.3183, 48.1171,
43.3528

■ 47.3183, 48.1171,
43.3528

■ 43.3658, 42.9454,
33.6080

■ 51.7529, 53.7944,
54.6702

■ 39.8737, 38.2584,
25.3622

■ 56.6823, 59.9847,
67.6232

■ 36.8244, 34.0429,
18.5403

■ 62.1239, 66.7036,
82.2750

■ 34.1974, 30.2826,
13.0598

■ 68.0927, 73.9638,
98.6845

■ 31.9705, 26.9602,
8.8292

■ 72.6100, 80.9803,
106.4116

■ 30.1189, 24.0571,
5.7455

■ 76.0806, 87.9215,
107.5684

■ 28.6145, 21.5528,
3.6889

■ 77.6296, 91.0194,
108.0847

■ 27.4222, 19.4233,
2.5048

■ 27.0580, 18.7564,
2.1942

Harmonies

Analogous

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



48.8367, 48.1171, 46.5403



47.3183, 48.1171, 43.3528



45.4126, 48.1171, 42.5165

Triad

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



47.3183, 48.1171, 43.3528



42.1416, 48.1171, 53.3189



47.8911, 48.1171, 61.5736

Complementary

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



47.3183, 48.1171, 43.3528



43.9203, 47.5023, 61.4979

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.



46.0566, 48.1171, 63.6878



47.3183, 48.1171, 43.3528



42.7653, 48.1171, 58.7133

Square

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



47.3183, 48.1171, 43.3528



42.4582, 48.1171, 48.0319



44.1852, 48.1171, 62.6062



49.1739, 48.1171, 57.0069

Rectangle

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



47.3183, 48.1171, 43.3528



44.1868, 48.1171, 43.3508



44.1852, 48.1171, 62.6062



47.3166, 48.1171, 62.6087

Sweetspot

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



47.3196, 48.1192, 43.3538



90.7677, 94.6121, 97.6794



46.5281, 43.4732, 52.5332



19.3030, 20.0928, 20.5825



0.0000, 0.0000, 0.0000



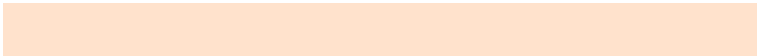
20.3446, 21.4041, 23.3091

Same Dimension

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



47.3196, 48.1192, 43.3538



79.2383, 79.8181, 68.3569



50.8179, 55.1159, 44.5199



10.9977, 11.3645, 11.1767



17.2891, 12.0954, 1.4234



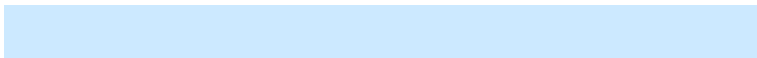
0.8901, 0.7156, 0.0912

Inverse Universe

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



43.9203, 47.5023, 61.4979



72.1921, 78.5379, 105.9621



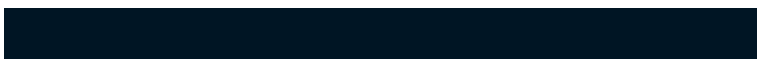
40.6902, 41.0421, 60.4212



10.5551, 11.2843, 13.5393



10.6266, 10.6470, 36.2394



0.5738, 0.6455, 1.7395

Previews

White Background



This preview shows how the XYZ color 47.3183, 48.1171, 43.3528 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 47.3183, 48.1171, 43.3528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

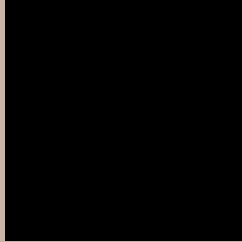
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.3183, 48.1171, 43.3528

Background



This preview shows how black text looks on a background with the XYZ color 47.3183, 48.1171, 43.3528.



This preview shows how white text looks on a background with the XYZ color 47.3183, 48.1171,

43.3528.

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

47.3183, 48.1171, 43.3528

Protanopia

45.6942, 48.1845, 43.9380

Deuteranopia

49.0007, 48.0778, 43.7431



Tritanopia

49.7547, 47.9024, 55.9139

Trichromacy



Original Color

47.3183, 48.1171, 43.3528

Protanomaly

46.2495, 48.1635, 43.9047

Deuteranomaly

48.3648, 48.0465, 43.7706

Tritanomaly

48.7210, 47.7747, 50.9095

Monochromacy



Original Color

47.3183, 48.1171, 43.3528

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.4116, 48.4425, 49.0237

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.3183, 48.1171, 43.3528 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(200, 181, 167) looks like.

```
.text, #text, p{  
    color:rgb(200, 181, 167)  
}
```

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(200, 181, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 181, 167) }
```

Border

The CSS property to change the border of an element to XYZ 47.3183, 48.1171, 43.3528 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(200, 181, 167) }
```


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

```
.border{ border-color:rgb(200, 181, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 181, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 181, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 181, 167);  
box-shadow:4px 4px 4px 4px rgb(200, 181,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3183, 48.1171, 43.3528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 181, 167) }
```

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

```
.background{ background-color: rgb(200,  
181, 167) }
```

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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