

Converting Colors

XYZ(47.8263, 48.5822, 44.8281)

Have a look what the booklet for
XYZ(47.8263, 48.5822, 44.8281)
contains.

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Color

**XYZ(47.8031, 48.6375,
44.8987)**

Conversions

Conversions Part 1

Format	Color
Hex	C8B6AA
RGB	200, 182, 170
RGB Percent	78%, 71%, 67%
CMY	0.2157, 0.2863, 0.3333
CMYK	0.00, 0.09, 0.15, 0.22
HSL	24°, 21%, 73%
HSV	24°, 15%, 78%
XYZ	47.8031, 48.6375, 44.8987
YIQ	186.0140, 14.5800, 0.0840

Conversions

Conversions Part 2

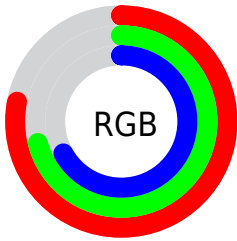
Format	Color
RYB	200, 190, 170
Decimal	13153962
CIELab	75.23, 4.41, 8.42
CIELCh	75, 9.509, 62.336
Yxy	48.6375, 0.3382, 0.3441
Android (android.graphics.Color)	4291344042 (0xFFC8B6AA)
YUV	186.0140, -7.8949, 12.2657
Hunter-Lab	69.7406, 0.3053, 10.6478

Details

The XYZ color **47.8031, 48.6375, 44.8987** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.9860, 48.6818, 61.6697**, and the grayscale version is **46.7182, 49.1511, 53.5256**.

A 20% lighter version of the original color is **85.4051, 87.8453, 83.6887**, and **22.9743, 23.1195, 20.3912** is the 20% darker color. If you saturate the color by 10%, you get **43.7008, 43.2336, 34.8964**, and if you desaturate by 10%, it is **52.4064, 54.5819, 56.4893**.

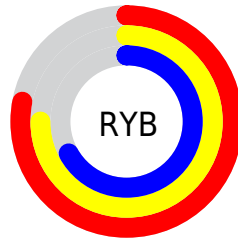
Distribution



Red (78%)

Green (71%)

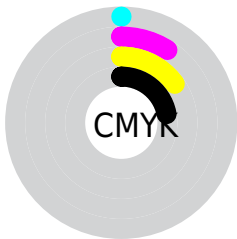
Blue (67%)



Red (78%)

Yellow (75%)

Blue (67%)

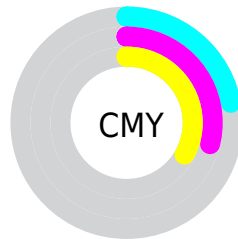


Cyan (0%)

Magenta (9%)

Yellow (15%)

Black (22%)



Cyan (22%)


Magenta (29%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.8031, 48.6375, 44.8987 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 47.8031, 48.6375, 44.8987 by changing the saturation by 10% instead.


 47.8031, 48.6375,
44.8987

 47.8031, 48.6375,
44.8987


368.6067,
381.3135, 382.5113

 33.8816, 34.3320,
31.0353

 86.1226, 88.1528,
83.8852

 22.9651, 23.1488,
20.3670


111.2514,
114.1314, 109.8454

 14.6883, 14.7034,
12.4754


140.8466,
144.7699, 140.6749

 8.6858, 8.6115,
6.9419

175.2736,
180.4526, 176.7923

 4.5923, 4.4887,
3.3479

214.8977,
221.5639, 218.6161

 2.0424, 1.9505,
1.2749

260.0844,

 0.6576, 0.5785,

268.4882, 266.5648

0.0411

311.1989,
321.6099, 321.0570

■ 0.0000, 0.0000,
0.0000

■ 47.8031, 48.6375,
44.8987

■ 47.8031, 48.6375,
44.8987

■ 43.7008, 43.2336,
34.8964

■ 52.4064, 54.5819,
56.4893

■ 40.0775, 38.3481,
26.4091

■ 57.5241, 61.0754,
69.7307

■ 36.9149, 33.9667,
19.3628

■ 63.1737, 68.1345,
84.6858

■ 34.1922, 30.0717,
13.6754

■ 69.3709, 75.7729,
101.4133

■ 31.8867, 26.6447,
9.2568

■ 73.6198, 82.9998,
106.7481

■ 29.9733, 23.6656,
6.0059

■ 77.3086, 90.3774,
107.9777

■ 28.4237, 21.1125,
3.8054

■ 77.6297, 91.0195,
108.0847

■ 27.2041, 18.9607,
2.5131

■ 26.6901, 18.0203,
2.0715

Harmonies

Analogous

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



49.1204, 48.6375, 47.9850



47.8031, 48.6375, 44.8987



46.0919, 48.6375, 43.9294

Triad

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



47.8031, 48.6375, 44.8987



42.9579, 48.6375, 53.3503



48.0456, 48.6375, 61.4947

Complementary

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



47.8031, 48.6375, 44.8987



44.9860, 48.6818, 61.6697

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.



46.3653, 48.6375, 63.1459



47.8031, 48.6375, 44.8987



43.4524, 48.6375, 58.2632

Square

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



47.8031, 48.6375, 44.8987



43.3214, 48.6375, 48.6226



44.6888, 48.6375, 61.9282



49.2628, 48.6375, 57.5436

Rectangle

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



47.8031, 48.6375, 44.8987



44.9657, 48.6375, 44.5615



44.6888, 48.6375, 61.9282



47.5147, 48.6375, 62.3480

Sweetspot

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



47.8044, 48.6397, 44.8997



91.5299, 95.5183, 99.8389



47.2719, 44.6604, 53.7064



19.4530, 20.2682, 21.0163



0.0000, 0.0000, 0.0000



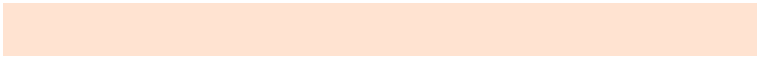
20.3446, 21.4041, 23.3091

Same Dimension

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



47.8044, 48.6397, 44.8997



80.3576, 81.0615, 71.7977



51.0420, 55.1148, 45.9789



10.9763, 11.3218, 11.1696



17.0528, 11.6227, 1.3446



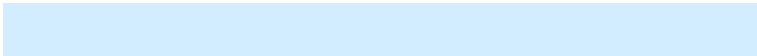
0.8780, 0.6915, 0.0872

Inverse Universe

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



44.9860, 48.6818, 61.6697



74.5513, 81.1469, 106.3414



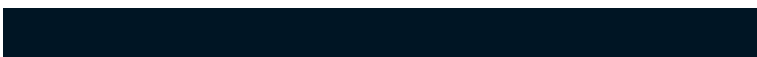
41.9471, 42.6040, 60.6567



10.5769, 11.3279, 13.5465



10.9872, 11.3683, 36.3596



0.5897, 0.6773, 1.7448

Previews

White Background



This preview shows how the XYZ color 47.8031, 48.6375, 44.8987 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 47.8031, 48.6375, 44.8987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

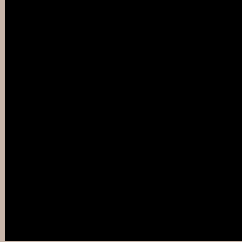
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.8031, 48.6375, 44.8987

Background



This preview shows how black text looks on a background with the XYZ color 47.8031, 48.6375, 44.8987.



This preview shows how white text looks on a background with the XYZ color 47.8031, 48.6375,

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

47.8031, 48.6375, 44.8987

Protanopia

46.4379, 48.8447, 45.5085

Deuteranopia

49.7653, 48.7358, 45.3121



Tritanopia

50.3743, 48.7870, 57.2139

Trichromacy



Original Color

47.8031, 48.6375, 44.8987

Protanomaly

46.9969, 48.8234, 45.4749

Deuteranomaly

49.1255, 48.7046, 45.3398

Tritanomaly

49.4353, 48.7019, 52.6938

Monochromacy



Original Color

47.8031, 48.6375, 44.8987

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

47.0730, 49.0696, 50.1704

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.8031, 48.6375, 44.8987 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, 182, 170)` looks like.

```
.text, #text, p{  
    color:rgb(200, 182, 170)  
}
```

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, 182, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 182, 170) }
```

Border

The CSS property to change the border of an element to XYZ 47.8031, 48.6375, 44.8987 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, 182, 170) }
```


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

```
.border{ border-color:rgb(200, 182, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 182, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(200, 182, 170); -webkit-box-shadow:4px 4px 4px 4px rgb(200, 182, 170); box-shadow:4px 4px 4px 4px rgb(200, 182, 170) }
```

Background

The CSS property to change the background color of an element to XYZ 47.8031, 48.6375, 44.8987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 182, 170) }
```

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

```
.background{ background-color: rgb(200,  
182, 170) }
```

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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