

Converting Colors

XYZ(48.6048, 49.5656, 47.3183)

Have a look what the booklet for
XYZ(48.6048, 49.5656, 47.3183)
contains.

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Color

**XYZ(48.6978, 49.6555,
47.5753)**

Conversions

Conversions Part 1

Format	Color
Hex	C8B8AF
RGB	200, 184, 175
RGB Percent	78%, 72%, 69%
CMY	0.2157, 0.2784, 0.3137
CMYK	0.00, 0.08, 0.12, 0.22
HSL	22°, 19%, 74%
HSV	22°, 12%, 78%
XYZ	48.6978, 49.6555, 47.5753
YIQ	187.7580, 12.4250, 0.5930

Conversions

Conversions Part 2

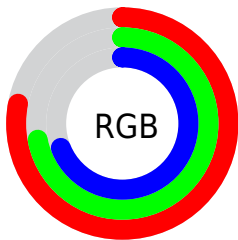
Format	Color
RYB	200, 189, 175
Decimal	13154479
CIELab	75.86, 4.16, 6.61
CIELCh	76, 7.808, 57.843
Yxy	49.6555, 0.3337, 0.3403
Android (android.graphics.Color)	4291344559 (0xFFC8B8AF)
YUV	187.7580, -6.2897, 10.7362
Hunter-Lab	70.4667, 0.0404, 9.2972

Details

The XYZ color **48.6978, 49.6555, 47.5753** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.7352, 50.5448, 61.9370**, and the grayscale version is **47.6934, 50.1772, 54.6430**.

A 20% lighter version of the original color is **86.8239, 89.3497, 88.2714**, and **23.5455, 23.7737, 22.0867** is the 20% darker color. If you saturate the color by 10%, you get **44.3383, 43.8505, 37.1380**, and if you desaturate by 10%, it is **53.5915, 56.0623, 59.6272**.

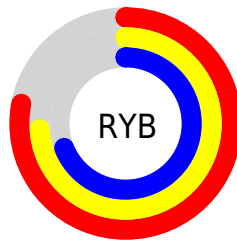
Distribution



Red (78%)

Green (72%)

Blue (69%)



Red (78%)

Yellow (74%)

Blue (69%)

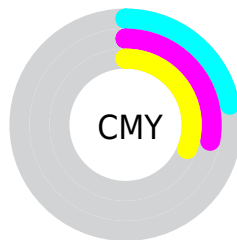


Cyan (0%)

Magenta (8%)

Yellow (12%)

Black (22%)



Cyan (22%)


Magenta (28%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.6978, 49.6555, 47.5753 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 48.6978, 49.6555, 47.5753 by changing the saturation by 10% instead.


 48.6978, 49.6555,
47.5753

 48.6978, 49.6555,
47.5753

372.0881,
385.3172, 393.5663

 34.5934, 35.1397,
33.1331


 87.4459, 89.6642,
87.9307

 23.5149, 23.7705,
21.9565

112.8202,
115.9260, 114.6809

 15.0969, 15.1635,
13.6269


142.6819,
146.8719, 146.3709

 8.9742, 8.9342,
7.7259

177.3963,
182.8864, 183.4193

 4.7813, 4.6983,
3.8348

217.3288,
224.3537, 226.2444

 2.1530, 2.0714,
1.5352

262.8447,

 0.7178, 0.6484,

271.6584, 275.2649

0.2439

314.3093,
325.1847, 330.8994

■ 0.0000, 0.0000,
0.0000

■ 48.6978, 49.6555,
47.5753

■ 48.6978, 49.6555,
47.5753

■ 44.3383, 43.8505,
37.1380

■ 53.5915, 56.0623,
59.6272

■ 40.4899, 38.6228,
28.2430

■ 59.0334, 63.0814,
73.3556

■ 37.1336, 33.9561,
20.8170

■ 65.0420, 70.7311,
88.8229

■ 34.2477, 29.8305,
14.7796

■ 71.6334, 79.0270,
106.0860

■ 31.8085, 26.2251,
10.0422

■ 75.4341, 86.6285,
107.3529

■ 29.7901, 23.1171,
6.5065

■ 77.6297, 91.0195,
108.0847

■ 28.1636, 20.4820,
4.0592

■ 26.8952, 18.2926,
2.5653

■ 26.1389, 16.9180,
1.8878

Harmonies

Analogous

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



49.7082, 49.6555, 50.4170



48.6978, 49.6555, 47.5753



47.3012, 49.6555, 46.4628

Triad

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



48.6978, 49.6555, 47.5753



44.4605, 49.6555, 53.7660



48.5122, 49.6555, 61.4498

Complementary

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



48.6978, 49.6555, 47.5753



46.7352, 50.5448, 61.9370

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.



47.0910, 49.6555, 62.4573



48.6978, 49.6555, 47.5753



44.7700, 49.6555, 57.8878

Square

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



48.6978, 49.6555, 47.5753



44.8715, 49.6555, 49.9211



45.7255, 49.6555, 61.1226



49.5995, 49.6555, 58.4351

Rectangle

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



48.6978, 49.6555, 47.5753



46.3457, 49.6555, 46.8062



45.7255, 49.6555, 61.1226



48.0568, 49.6555, 62.0410

Sweetspot

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



48.6992, 49.6577, 47.5764



91.4041, 95.2667, 99.7970



48.5815, 46.7126, 55.8911



19.4212, 20.2046, 21.0057



0.0000, 0.0000, 0.0000



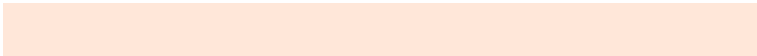
20.3446, 21.4041, 23.3091

Same Dimension

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



48.6992, 49.6577, 47.5764



82.1752, 83.1434, 77.1925



51.3542, 54.9679, 48.4614



10.9413, 11.2518, 11.1579



16.6977, 10.9126, 1.2263



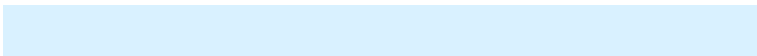
0.8592, 0.6539, 0.0809

Inverse Universe

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



46.7352, 50.5448, 61.9370



78.1128, 84.9770, 106.8930



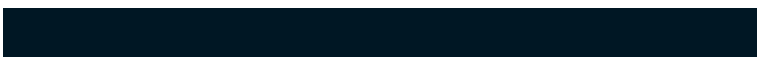
44.1753, 45.4249, 61.0837



10.6130, 11.4001, 13.5586



11.6219, 12.6378, 36.5711



0.6172, 0.7321, 1.7539

Previews

White Background



This preview shows how the XYZ color 48.6978, 49.6555, 47.5753 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 48.6978, 49.6555, 47.5753 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

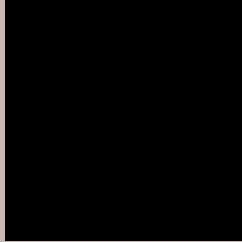
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.6978, 49.6555, 47.5753

Background



This preview shows how black text looks on a background with the XYZ color 48.6978, 49.6555, 47.5753.



This preview shows how white text looks on a background with the XYZ color 48.6978, 49.6555,

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

48.6978, 49.6555, 47.5753

Protanopia

47.3877, 49.5899, 48.1485

Deuteranopia

50.6548, 49.7376, 48.0048



Tritanopia

51.0028, 49.6844, 58.5317

Trichromacy



Original Color

48.6978, 49.6555, 47.5753

Protanomaly

47.9504, 49.5683, 48.1147

Deuteranomaly

50.0180, 49.7123, 48.0335

Tritanomaly

50.1622, 49.6433, 54.5152

Monochromacy



Original Color

48.6978, 49.6555, 47.5753

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.0558, 50.1660, 51.9499

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.6978, 49.6555, 47.5753 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, 184, 175)` looks like.

```
.text, #text, p{  
    color:rgb(200, 184, 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(200, 184, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 184, 175) }
```

Border

The CSS property to change the border of an element to XYZ 48.6978, 49.6555, 47.5753 is called "border". The border property can be set on classes, ids or directly on the HTML element.

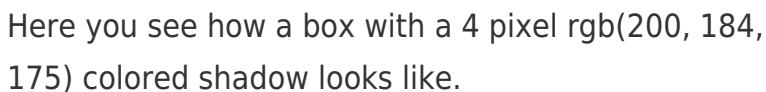
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(200, 184, 175) }
```


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

```
.border{ border-color:rgb(200, 184, 175) }
```

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



Here you see how a box with a 4 pixel `rgb(200, 184, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(200, 184, 175); -webkit-box-shadow:4px 4px 4px 4px rgb(200, 184, 175); box-shadow:4px 4px 4px 4px rgb(200, 184, 175) }
```

Background

The CSS property to change the background color of an element to XYZ 48.6978, 49.6555, 47.5753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 184, 175) }
```

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

```
.background{ background-color: rgb(200,  
184, 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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