

Converting Colors

XYZ(48.9400, 49.8872, 48.8560)

Have a look what the booklet for
XYZ(48.9400, 49.8872, 48.8560)
contains.

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Color

**XYZ(48.8957, 49.7347,
48.6176)**

Conversions

Conversions Part 1

Format	Color
Hex	C8B8B1
RGB	200, 184, 177
RGB Percent	78%, 72%, 69%
CMY	0.2157, 0.2784, 0.3059
CMYK	0.00, 0.08, 0.11, 0.22
HSL	18°, 17%, 74%
HSV	18°, 11%, 78%
XYZ	48.8957, 49.7347, 48.6176
YIQ	187.9860, 11.7830, 1.2150

Conversions

Conversions Part 2

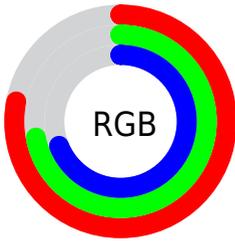
Format	Color
R _Y B	200, 187, 177
Decimal	13154481
CIE Lab	75.91, 4.49, 5.59
CIE LCh	76, 7.171, 51.269
Yxy	49.7347, 0.3321, 0.3378
Android (android.graphics.Color)	4291344561 (0xFFC8B8B1)
YUV	187.9860, -5.4161, 10.5363
Hunter-Lab	70.5228, 0.3447, 8.4922

Details

The XYZ color **48.8957, 49.7347, 48.6176** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.6264, 51.6560, 62.1044**, and the grayscale version is **47.8183, 50.3085, 54.7860**.

A 20% lighter version of the original color is **87.1081, 89.4634, 89.7679**, and **23.6085, 23.7988, 22.4181** is the 20% darker color. If you saturate the color by 10%, you get **44.2981, 43.4990, 37.9602**, and if you desaturate by 10%, it is **54.0724, 56.6599, 60.9107**.

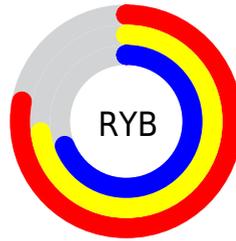
Distribution



Red (78%)

Green (72%)

Blue (69%)



Red (78%)

Yellow (73%)

Blue (69%)

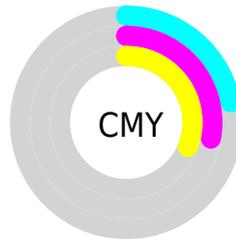


Cyan (0%)

Magenta (8%)

Yellow (11%)

Black (22%)



Cyan (22%)

Magenta (28%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.8957, 49.7347, 48.6176 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 48.8957, 49.7347, 48.6176 by changing the saturation by 10% instead.

■ 48.8957, 49.7347,
48.6176

■ 48.8957, 49.7347,
48.6176

372.8553,
385.6275, 397.8141

■ 34.7509, 35.2026,
33.9528

■ 87.7382, 89.7817,
89.4983

■ 23.6367, 23.8190,
22.5803

113.1666,
116.0654, 116.5513

■ 15.1876, 15.1994,
14.0815

143.0870,
147.0351, 148.5708

■ 9.0383, 8.9595,
8.0380

177.8646,
183.0752, 185.9753

■ 4.8235, 4.7148,
4.0311

217.8650,
224.5701, 229.1833

■ 2.1778, 2.0809,
1.6424

263.4533,

■ 0.7310, 0.6538,

271.9042, 278.6134

0.3208

314.9950,
325.4619, 334.6841

■ 0.0000, 0.0000,
0.0000

■ 48.8957, 49.7347,
48.6176

■ 48.8957, 49.7347,
48.6176

■ 44.2981, 43.4990,
37.9602

■ 54.0724, 56.6599,
60.9107

■ 40.2547, 37.9249,
28.8659

■ 59.8438, 64.2885,
74.9014

■ 36.7447, 32.9921,
21.2614

■ 66.2300, 72.6421,
90.6525

■ 33.7444, 28.6766,
15.0661

■ 72.9249, 81.6100,
106.5165

■ 31.2281, 24.9532,
10.1919

■ 77.1698, 90.0999,
107.9315

■ 29.1680, 21.7945,
6.5404

■ 77.6296, 91.0195,
108.0847

■ 27.5324, 19.1708,
3.9996

■ 26.2855, 17.0493,
2.4358

■ 25.4832, 15.6067,
1.6693

Harmonies

Analogous

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



49.7041, 49.7347, 51.5293



48.8957, 49.7347, 48.6176



47.6621, 49.7347, 47.2062

Triad

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



48.8957, 49.7347, 48.6176



44.7792, 49.7347, 53.0443



48.2087, 49.7347, 61.2967

Complementary

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



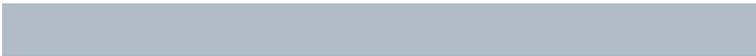
48.8957, 49.7347, 48.6176



47.6264, 51.6560, 62.1044

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.



46.8828, 49.7347, 61.7491



48.8957, 49.7347, 48.6176



44.9193, 49.7347, 56.8635

Square

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



48.8957, 49.7347, 48.6176



45.2969, 49.7347, 49.6819



45.6834, 49.7347, 60.0926



49.3023, 49.7347, 58.8839

Rectangle

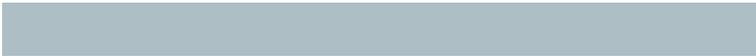
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



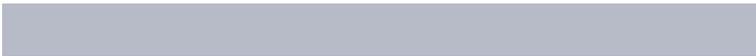
48.8957, 49.7347, 48.6176



46.7715, 49.7347, 47.2578



45.6834, 49.7347, 60.0926



47.7748, 49.7347, 61.6874

Sweetspot

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



48.8971, 49.7369, 48.6187



92.1687, 96.1693, 101.9838



49.1789, 47.5790, 57.1027



19.5665, 20.3691, 21.4429



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.



48.8971, 49.7369, 48.6187



82.4102, 83.0793, 78.9175



51.3606, 54.6639, 49.4398



10.8929, 11.1549, 11.1418



16.2730, 10.0631, 1.0847



0.8353, 0.6061, 0.0730

Inverse Universe

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



47.6264, 51.6560, 62.1044



79.7432, 87.1055, 107.2179



45.2035, 46.8102, 61.2968



10.6636, 11.5013, 13.5754



12.5901, 14.5742, 36.8939



0.6579, 0.8135, 1.7675

Previews

White Background



This preview shows how the XYZ color 48.8957, 49.7347, 48.6176 looks on a white background.

Color Contrast Check

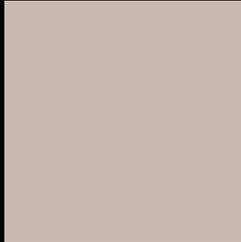
Large Text (above 18pt) WCAG AA × Fail

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 48.8957, 49.7347, 48.6176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

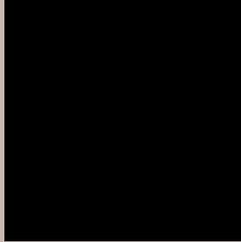
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

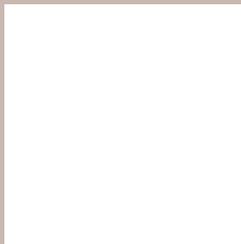
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.8957, 49.7347, 48.6176

Background



This preview shows how black text looks on a background with the XYZ color 48.8957, 49.7347, 48.6176.



This preview shows how white text looks on a background with the XYZ color 48.8957, 49.7347,

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

48.8957, 49.7347, 48.6176

Protanopia

47.5871, 49.6696, 49.1986

Deuteranopia

50.8543, 49.8174, 49.0549



Tritanopia

51.0028, 49.6844, 58.5317

Trichromacy



Original Color

48.8957, 49.7347, 48.6176

Protanomaly

48.1498, 49.6480, 49.1647

Deuteranomaly

50.2174, 49.7921, 49.0836

Tritanomaly

50.1622, 49.6433, 54.5152

Monochromacy



Original Color

48.8957, 49.7347, 48.6176

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.1603, 50.2078, 52.5002

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.8957, 49.7347, 48.6176 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, 177)` looks like.

```
.text, #text, p{  
    color:rgb(200, 184, 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(200, 184, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 184, 177) }
```

Border

The CSS property to change the border of an element to XYZ 48.8957, 49.7347, 48.6176 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, 177) }
```

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

```
.border{ border-color:rgb(200, 184, 177) }
```

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, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 184, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 184, 177);  
box-shadow:4px 4px 4px 4px rgb(200, 184,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 48.8957, 49.7347, 48.6176 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, 177) }
```

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

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