

Converting Colors

XYZ(47.0129, 52.7880, 47.1389)

Have a look what the booklet for
XYZ(47.0129, 52.7880, 47.1389)
contains.

XYZ(47.0499, 52.6873, 47.2250)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(47.0499, 52.6873,
47.2250)**

Conversions

Conversions Part 1

Format	Color
Hex	B8C4AD
RGB	184, 196, 173
RGB Percent	72%, 77%, 68%
CMY	0.2784, 0.2314, 0.3216
CMYK	0.06, 0.00, 0.12, 0.23
HSL	91°, 16%, 72%
HSV	91°, 12%, 77%
XYZ	47.0499, 52.6873, 47.2250
YIQ	189.7900, 0.2310, -9.6970

Conversions

Conversions Part 2

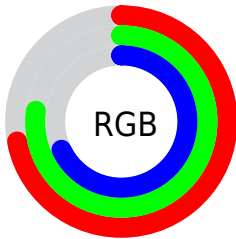
Format	Color
RYB	173, 196, 185
Decimal	12108973
CIELab	77.69, -8.31, 10.14
CIELCh	78, 13.112, 129.322
Yxy	52.6873, 0.3201, 0.3585
Android (android.graphics.Color)	4290299053 (0xFFB8C4AD)
YUV	189.7900, -8.2775, -5.0778
Hunter-Lab	72.5860, -11.3227, 12.2357

Details

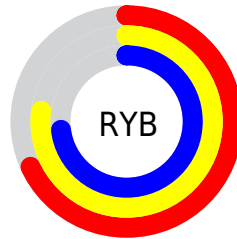
The XYZ color **47.0499, 52.6873, 47.2250** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.9170, 44.1883, 58.3891**, and the grayscale version is **48.8699, 51.4150, 55.9909**.

A 20% lighter version of the original color is **85.0641, 94.3773, 87.1321**, and **22.4843, 25.5518, 21.8361** is the 20% darker color. If you saturate the color by 10%, you get **42.9289, 50.7677, 37.8475**, and if you desaturate by 10%, it is **51.6292, 54.8141, 58.0786**.

Distribution



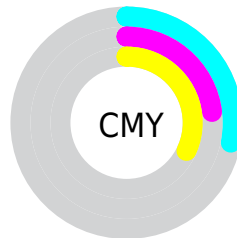
- Red (72%)
- Green (77%)
- Blue (68%)



- Red (68%)
- Yellow (77%)
- Blue (73%)



- Cyan (6%)
- Magenta (0%)
- Yellow (12%)
- Black (23%)



- Cyan (28%)
- Magenta (23%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.0499, 52.6873, 47.2250 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 47.0499, 52.6873, 47.2250 by changing the saturation by 10% instead.

■ 47.0499, 52.6873,
47.2250

■ 47.0499, 52.6873,
47.2250

365.6593,
397.0843, 392.1317

■ 33.2832, 37.5532,
32.8579

■ 85.0064, 94.1441,
87.4029

■ 22.5038, 25.6361,
21.7474

109.9269,
121.2355, 114.0508

■ 14.3462, 16.5516,
13.4749

139.2961,
153.0816, 145.6294

■ 8.4452, 9.9153,
7.6218

173.4793,
190.0666, 182.5572

■ 4.4353, 5.3428,
3.7696

212.8418,
232.5750, 225.2528

■ 1.9512, 2.4498,
1.4998

257.7491,

■ 0.6063, 0.8513,

280.9911, 274.1347

0.2178

308.5665,
335.6994, 329.6215

0.0000, 0.0000,
0.0000

47.0499, 52.6873,
47.2250

47.0499, 52.6873,
47.2250

42.9289, 50.7677,
37.8475

51.6292, 54.8141,
58.0786

39.2462, 49.0418,
29.8789

56.6775, 57.1476,
70.4647

35.9864, 47.5046,
23.2520

62.2104, 59.6963,
84.4409

33.1315, 46.1485,
17.8926

68.2414, 62.4660,
100.0609

30.6619, 44.9652,
13.7196

72.0985, 64.3881,
103.2359

■ 28.5561, 43.9455,
10.6420

■ 75.5760, 66.1808,
103.3986

■ 26.7901, 43.0794,
8.5561

■ 79.0310, 67.9619,
103.5603

■ 25.3356, 42.3551,
7.3380

■ 24.3289, 41.8471,
6.7950

Harmonies

Analogous

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



49.2917, 52.6873, 44.6570



47.0499, 52.6873, 47.2250



45.6513, 52.6873, 52.5746

Triad

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



47.0499, 52.6873, 47.2250



48.3749, 52.6873, 71.4549



55.0470, 52.6873, 55.1343

Complementary

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



47.0499, 52.6873, 47.2250



44.9170, 44.1883, 58.3891

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.



54.7813, 52.6873, 62.4432



47.0499, 52.6873, 47.2250



50.8720, 52.6873, 72.2864

Square

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



47.0499, 52.6873, 47.2250



46.3982, 52.6873, 66.6829



53.2327, 52.6873, 68.8672



53.9467, 52.6873, 48.9628

Rectangle

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



47.0499, 52.6873, 47.2250



45.3569, 52.6873, 57.2024



53.2327, 52.6873, 68.8672



55.1152, 52.6873, 57.5330

Sweetspot

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



47.0513, 52.6896, 47.2261



91.5197, 98.3648, 100.3889



47.6343, 49.4040, 46.5612



19.4502, 20.9898, 21.1557



0.0000, 0.0000, 0.0000



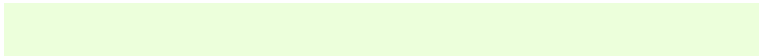
20.3446, 21.4041, 23.3091

Same Dimension

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



47.0513, 52.6896, 47.2261



83.3011, 94.5467, 81.0840



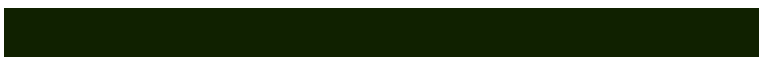
44.5550, 51.3984, 47.3033



10.3924, 11.4897, 10.7319



15.7298, 26.9378, 4.3705



0.7592, 1.2049, 0.1926

Inverse Universe

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



44.9170, 44.1883, 58.3891



78.6960, 76.2046, 105.1690



47.6307, 45.5924, 58.2886



10.0185, 10.0007, 12.6871



10.0432, 4.4379, 33.8839



0.5132, 0.2326, 1.4677

Previews

White Background



This preview shows how the XYZ color 47.0499, 52.6873, 47.2250 looks on a white background.

Color Contrast Check

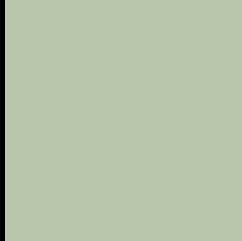
Large Text (above 18pt) WCAG AA × Fail

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 47.0499, 52.6873, 47.2250 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

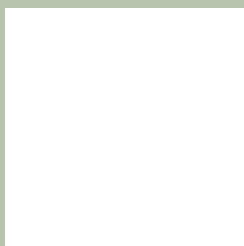
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.0499, 52.6873, 47.2250

Background



This preview shows how black text looks on a background with the XYZ color 47.0499, 52.6873, 47.2250.



This preview shows how white text looks on a background with the XYZ color 47.0499, 52.6873,

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

47.0499, 52.6873, 47.2250

Protanopia

49.8009, 52.4812, 46.0332

Deuteranopia

53.4057, 52.3920, 47.8553



Tritanopia

50.7576, 52.5367, 65.8579

Trichromacy



Original Color

47.0499, 52.6873, 47.2250

Protanomaly

48.7645, 52.5878, 46.6100

Deuteranomaly

50.7394, 52.2886, 47.4628

Tritanomaly

49.3011, 52.5998, 58.5933

Monochromacy



Original Color

47.0499, 52.6873, 47.2250

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

48.2404, 51.8513, 52.8132

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.0499, 52.6873, 47.2250 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(184, 196, 173)` looks like.

```
.text, #text, p{  
    color:rgb(184, 196, 173)  
}
```

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(184, 196, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 196, 173) }
```

Border

The CSS property to change the border of an element to XYZ 47.0499, 52.6873, 47.2250 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(184, 196, 173) }
```


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

```
.border{ border-color:rgb(184, 196, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 196, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 196, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 196, 173);  
box-shadow:4px 4px 4px 4px rgb(184, 196,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 47.0499, 52.6873, 47.2250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 196, 173) }
```

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

```
.background{ background-color: rgb(184,  
196, 173) }
```

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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