

Converting Colors

XYZ(47.7154, 52.9799, 48.9725)

Have a look what the booklet for
XYZ(47.7154, 52.9799, 48.9725)
contains.

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Color

**XYZ(47.5840, 52.9287,
48.7826)**

Conversions

Conversions Part 1

Format	Color
Hex	B9C4B0
RGB	185, 196, 176
RGB Percent	73%, 77%, 69%
CMY	0.2745, 0.2314, 0.3098
CMYK	0.06, 0.00, 0.10, 0.23
HSL	93°, 14%, 73%
HSV	93°, 10%, 77%
XYZ	47.5840, 52.9287, 48.7826
YIQ	190.4310, -0.1360, -8.5520

Conversions

Conversions Part 2

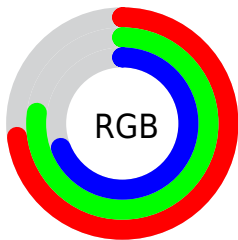
Format	Color
RYB	176, 196, 187
Decimal	12174512
CIELab	77.83, -7.43, 8.74
CIELCh	78, 11.476, 130.371
Yxy	52.9287, 0.3187, 0.3545
Android (android.graphics.Color)	4290364592 (0xFFB9C4B0)
YUV	190.4310, -7.1145, -4.7630
Hunter-Lab	72.7521, -10.5671, 11.1707

Details

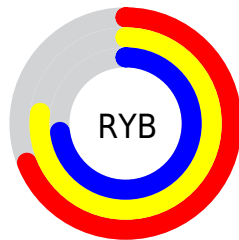
The XYZ color **47.5840, 52.9287, 48.7826** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.9846, 45.6024, 58.6057**, and the grayscale version is **49.2331, 51.7971, 56.4070**.

A 20% lighter version of the original color is **85.9664, 94.7775, 90.1069**, and **22.8268, 25.7068, 22.8276** is the 20% darker color. If you saturate the color by 10%, you get **43.2802, 50.9197, 39.1782**, and if you desaturate by 10%, it is **52.3681, 55.1560, 59.8734**.

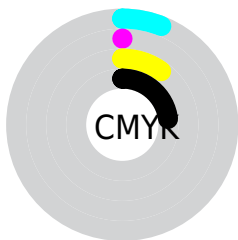
Distribution



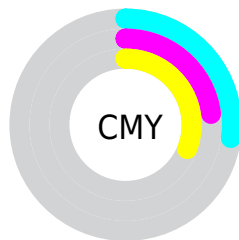
- Red (73%)
- Green (77%)
- Blue (69%)



- Red (69%)
- Yellow (77%)
- Blue (73%)



- Cyan (6%)
- Magenta (0%)
- Yellow (10%)
- Black (23%)



- Cyan (27%)
- Magenta (23%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.5840, 52.9287, 48.7826 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 47.5840, 52.9287, 48.7826 by changing the saturation by 10% instead.

■ 47.5840, 52.9287,
48.7826

■ 47.5840, 52.9287,
48.7826

367.7509,
398.0115, 398.4837

■ 33.7074, 37.7459,
34.0827

■ 85.7981, 94.4994,
89.7461

■ 22.8308, 25.7855,
22.6792

110.8665,
121.6561, 116.8468

■ 14.5886, 16.6632,
14.1538

140.3961,
153.5729, 148.9181

■ 8.6156, 9.9947,
8.0877

174.7523,
190.6341, 186.3787

■ 4.5464, 5.3954,
4.0626

214.3006,
233.2242, 229.6470

■ 2.0157, 2.4811,
1.6597

259.4062,

■ 0.6427, 0.8671,

281.7275, 279.1415

0.3329

310.4345,
336.5285, 335.2809

■ 0.0000, 0.0000,
0.0000

■ 47.5840, 52.9287,
48.7826

■ 47.5840, 52.9287,
48.7826

■ 43.2802, 50.9197,
39.1782

■ 52.3681, 55.1560,
59.8734

■ 39.4360, 49.1151,
30.9936

■ 57.6435, 57.6014,
72.5065

■ 36.0356, 47.5098,
24.1624

■ 63.4263, 60.2736,
86.7390

■ 33.0604, 46.0958,
18.6113

■ 69.7307, 63.1786,
102.6244

■ 30.4904, 44.8646,
14.2603

■ 73.3573, 65.0370,
103.2948

■ 28.3037, 43.8067,
11.0202

■ 77.1051, 66.9691,
103.4702

■ 26.4757, 42.9119,
8.7894

■ 79.0309, 67.9619,
103.5603

■ 24.9781, 42.1680,
7.4477

■ 23.7831, 41.5657,
6.7695

Harmonies

Analogous

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



49.5401, 52.9287, 46.3887



47.5840, 52.9287, 48.7826



46.3805, 52.9287, 53.6079

Triad

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



47.5840, 52.9287, 48.7826



48.8823, 52.9287, 69.9708



54.6381, 52.9287, 55.4506

Complementary

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



47.5840, 52.9287, 48.7826



45.9846, 45.6024, 58.6057

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.



54.4493, 52.9287, 61.8491



47.5840, 52.9287, 48.7826



51.0820, 52.9287, 70.5555

Square

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



47.5840, 52.9287, 48.7826



47.1146, 52.9287, 65.9449



53.1322, 52.9287, 67.4880



53.6407, 52.9287, 50.0458

Rectangle

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



47.5840, 52.9287, 48.7826



46.1453, 52.9287, 57.7099



53.1322, 52.9287, 67.4880



54.7120, 52.9287, 57.5509

Sweetspot

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



47.5854, 52.9310, 48.7838



92.3113, 98.7276, 102.4701



48.3737, 50.4130, 48.2562



19.6047, 21.0603, 21.5743



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.



47.5854, 52.9310, 48.7838



84.5850, 95.1297, 84.7095



45.5818, 51.8866, 49.2085



10.3651, 11.4757, 10.7306



15.3772, 26.7561, 4.3540



0.7436, 1.1969, 0.1918

Inverse Universe

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



45.9846, 45.6024, 58.6057



81.1683, 79.4883, 105.6725



48.1426, 46.7280, 58.1144



10.0460, 10.0149, 12.6884



10.4619, 4.6537, 33.9035



0.5305, 0.2415, 1.4685

Previews

White Background



This preview shows how the XYZ color 47.5840, 52.9287, 48.7826 looks on a white background.

Color Contrast Check

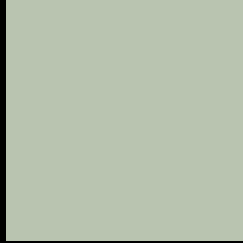
Large Text (above 18pt) WCAG AA × Fail

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 47.5840, 52.9287, 48.7826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

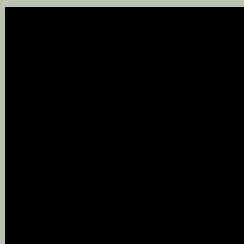
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.5840, 52.9287, 48.7826

Background



This preview shows how black text looks on a background with the XYZ color 47.5840, 52.9287, 48.7826.



This preview shows how white text looks on a background with the XYZ color 47.5840, 52.9287,

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

47.5840, 52.9287, 48.7826

Protanopia

50.3090, 53.0346, 47.6295

Deuteranopia

53.7037, 52.5112, 49.4247



Tritanopia

51.3473, 53.1514, 66.5844

Trichromacy



Original Color

47.5840, 52.9287, 48.7826

Protanomaly

49.3135, 52.8372, 48.1569

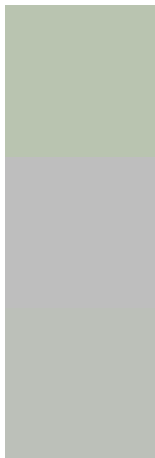
Deuteranomaly

51.3102, 52.5487, 49.0335

Tritanomaly

49.7728, 52.8168, 59.7959

Monochromacy



Original Color

47.5840, 52.9287, 48.7826

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

48.3456, 51.8934, 53.3673

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5840, 52.9287, 48.7826 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(185, 196, 176)` looks like.

```
.text, #text, p{  
    color:rgb(185, 196, 176)  
}
```

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(185, 196, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 196, 176) }
```

Border

The CSS property to change the border of an element to XYZ 47.5840, 52.9287, 48.7826 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(185, 196, 176) }
```


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

```
.border{ border-color:rgb(185, 196, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 196, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 196, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 196, 176);  
box-shadow:4px 4px 4px 4px rgb(185, 196,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5840, 52.9287, 48.7826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 196, 176) }
```

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

```
.background{ background-color: rgb(185,  
196, 176) }
```

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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