

Converting Colors

XYZ(44.7727, 50.1268, 47.5804)

Have a look what the booklet for
XYZ(44.7727, 50.1268, 47.5804)
contains.

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Color

**XYZ(44.8497, 50.2202,
47.3740)**

Conversions

Conversions Part 1

Format	Color
Hex	B2C0AE
RGB	178, 192, 174
RGB Percent	70%, 75%, 68%
CMY	0.3020, 0.2470, 0.3176
CMYK	0.07, 0.00, 0.09, 0.25
HSL	107°, 13%, 72%
HSV	107°, 9%, 75%
XYZ	44.8497, 50.2202, 47.3740
YIQ	185.7620, -2.5660, -8.5660

Conversions

Conversions Part 2

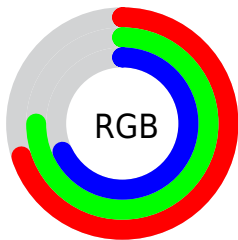
Format	Color
RYB	174, 192, 188
Decimal	11714734
CIELab	76.20, -8.17, 7.42
CIELCh	76, 11.037, 137.739
Yxy	50.2202, 0.3149, 0.3526
Android (android.graphics.Color)	4289904814 (0xFFB2C0AE)
YUV	185.7620, -5.7987, -6.8073
Hunter-Lab	70.8662, -11.0471, 9.9710

Details

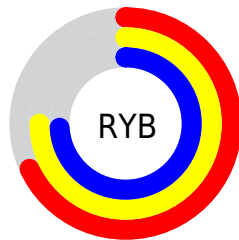
The XYZ color **44.8497, 50.2202, 47.3740** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.3914, 44.7706, 56.1209**, and the grayscale version is **46.5725, 48.9979, 53.3587**.

A 20% lighter version of the original color is **81.6419, 90.2844, 87.2524**, and **21.2029, 24.2304, 21.9718** is the 20% darker color. If you saturate the color by 10%, you get **39.8682, 47.8546, 38.0584**, and if you desaturate by 10%, it is **50.4747, 52.8895, 58.1186**.

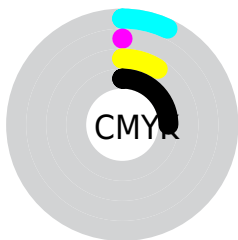
Distribution



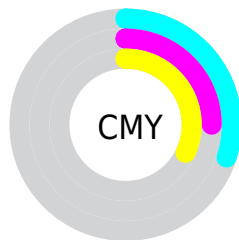
- Red (70%)
- Green (75%)
- Blue (68%)



- Red (68%)
- Yellow (75%)
- Blue (74%)



- Cyan (7%)
- Magenta (0%)
- Yellow (9%)
- Black (25%)



- Cyan (30%)
- Magenta (25%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.8497, 50.2202, 47.3740 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 44.8497, 50.2202, 47.3740 by changing the saturation by 10% instead.

■ 44.8497, 50.2202,
47.3740

■ 44.8497, 50.2202,
47.3740

356.9584,
387.5264, 392.7423

■ 31.5398, 35.5884,
32.9750

■ 81.7333, 90.5010,
87.6274

■ 21.1641, 24.1165,
21.8363

106.0377,
116.9189, 114.3189

■ 13.3572, 15.4200,
13.5395

134.7377,
148.0342, 145.9449

■ 7.7536, 9.1147,
7.6660

168.1986,
184.2313, 182.9241

■ 3.9882, 4.8161,
3.7973

206.7857,
225.8947, 225.6748

■ 1.6955, 2.1398,
1.5148

250.8645,

■ 0.4534, 0.6868,

273.4088, 274.6158

0.2289

300.8003,
327.1579, 330.1654

■ 0.0000, 0.0000,
0.0000

■ 44.8497, 50.2202,
47.3740

■ 44.8497, 50.2202,
47.3740

■ 39.8682, 47.8546,
38.0584

■ 50.4747, 52.8895,
58.1186

■ 35.5028, 45.7756,
30.1084

■ 56.7611, 55.8661,
70.3454

■ 31.7304, 43.9741,
23.4608

■ 63.7311, 59.1619,
84.1088

■ 28.5245, 42.4380,
18.0461

■ 71.4047, 62.7859,
99.4596

■ 25.8569, 41.1542,
13.7883

■ 77.2901, 65.7428,
103.2237

■ 23.6967, 40.1088,
10.6032

■ 78.1406, 66.1812,
103.2635

■ 22.0093, 39.2861,
8.3948

■ 20.7560, 38.6685,
7.0504

■ 19.8783, 38.2302,
6.3659

Harmonies

Analogous

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



46.5314, 50.2202, 44.5351



44.8497, 50.2202, 47.3740



43.9512, 50.2202, 52.2981

Triad

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



44.8497, 50.2202, 47.3740



46.8932, 50.2202, 66.5828



51.6216, 50.2202, 51.2841

Complementary

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



44.8497, 50.2202, 47.3740



45.3914, 44.7706, 56.1209

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.



51.7253, 50.2202, 57.1357



44.8497, 50.2202, 47.3740



48.9547, 50.2202, 66.2621

Square

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



44.8497, 50.2202, 47.3740



45.1080, 50.2202, 63.5508



50.7369, 50.2202, 62.7038



50.4575, 50.2202, 46.6779

Rectangle

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



44.8497, 50.2202, 47.3740



43.8997, 50.2202, 56.2293



50.7369, 50.2202, 62.7038



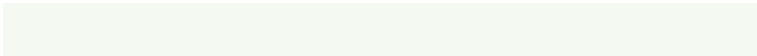
51.7828, 50.2202, 53.1619

Sweetspot

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



44.8511, 50.2224, 47.3751



87.5742, 93.9895, 97.8482



47.3208, 50.1457, 47.2301



18.6084, 20.0789, 20.6489



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



44.8511, 50.2224, 47.3751



79.5541, 90.1840, 82.6107



44.4232, 49.9467, 49.8423



10.1491, 11.3643, 10.7205



13.4006, 25.7371, 4.2615



0.6402, 1.1436, 0.1870

Inverse Universe

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



45.3914, 44.7706, 56.1209



80.7065, 78.5530, 101.2688



45.8671, 45.0763, 53.4112



10.2713, 10.1310, 12.6990



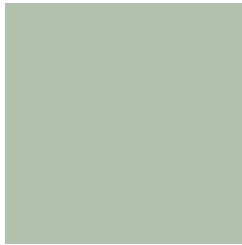
14.8535, 6.9177, 34.1090



0.6971, 0.3274, 1.4763

Previews

White Background



This preview shows how the XYZ color 44.8497, 50.2202, 47.3740 looks on a white background.

Color Contrast Check

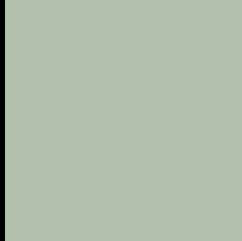
Large Text (above 18pt) WCAG AA × Fail

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 44.8497, 50.2202, 47.3740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

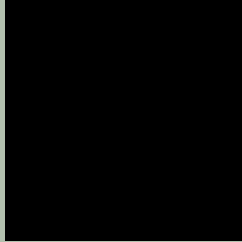
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

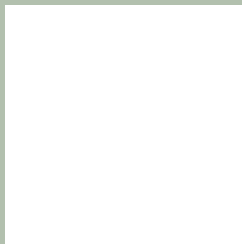
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.8497, 50.2202, 47.3740

Background



This preview shows how black text looks on a background with the XYZ color 44.8497, 50.2202, 47.3740.



This preview shows how white text looks on a background with the XYZ color 44.8497, 50.2202,

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

44.8497, 50.2202, 47.3740

Protanopia

47.6267, 50.0830, 45.6849

Deuteranopia

50.9387, 49.8840, 48.0181



Tritanopia

48.2912, 50.3455, 63.6724

Trichromacy



Original Color

44.8497, 50.2202, 47.3740

Protanomaly

46.6303, 50.1926, 46.2602

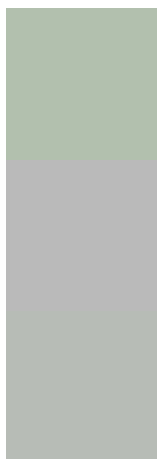
Deuteranomaly

48.3755, 49.7988, 47.6199

Tritanomaly

46.7681, 50.0247, 57.0600

Monochromacy



Original Color

44.8497, 50.2202, 47.3740

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

45.9552, 49.4111, 51.3712

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.8497, 50.2202, 47.3740 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(178, 192, 174)` looks like.

```
.text, #text, p{  
    color:rgb(178, 192, 174)  
}
```

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(178, 192, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 192, 174) }
```

Border

The CSS property to change the border of an element to XYZ 44.8497, 50.2202, 47.3740 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(178, 192, 174) }
```


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

```
.border{ border-color:rgb(178, 192, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 192, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 192, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 192, 174);  
box-shadow:4px 4px 4px 4px rgb(178, 192,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 44.8497, 50.2202, 47.3740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 192, 174) }
```

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

```
.background{ background-color: rgb(178,  
192, 174) }
```

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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