

Converting Colors

XYZ(42.6002, 47.8297, 44.5229)

Have a look what the booklet for
XYZ(42.6002, 47.8297, 44.5229)
contains.

XYZ(42.6002, 47.8297, 44.5229)	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(42.6002, 47.8297,
44.5229)**

Conversions

Conversions Part 1

Format	Color
Hex	AEBCA9
RGB	174, 188, 169
RGB Percent	68%, 74%, 66%
CMY	0.3176, 0.2627, 0.3372
CMYK	0.07, 0.00, 0.10, 0.26
HSL	104°, 12%, 70%
HSV	104°, 10%, 74%
XYZ	42.6002, 47.8297, 44.5229
YIQ	181.6480, -2.2450, -8.8770

Conversions

Conversions Part 2

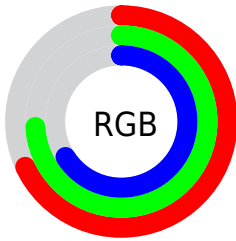
Format	Color
RYB	169, 188, 183
Decimal	11451561
CIELab	74.72, -8.38, 7.96
CIELCh	75, 11.559, 136.463
Yxy	47.8297, 0.3157, 0.3544
Android (android.graphics.Color)	4289641641 (0xFFFAEBCA9)
YUV	181.6480, -6.2355, -6.7073
Hunter-Lab	69.1590, -11.0768, 10.2418

Details

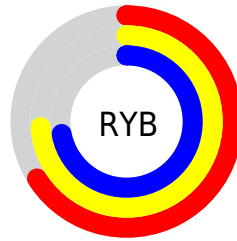
The XYZ color **42.6002, 47.8297, 44.5229** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.7954, 42.0754, 53.4453**, and the grayscale version is **44.3068, 46.6142, 50.7629**.

A 20% lighter version of the original color is **78.4384, 86.9062, 83.1614**, and **19.9009, 22.7499, 20.1719** is the 20% darker color. If you saturate the color by 10%, you get **38.0320, 45.6656, 35.7489**, and if you desaturate by 10%, it is **47.7433, 50.2636, 54.6506**.

Distribution



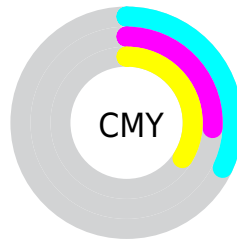
- Red (68%)
- Green (74%)
- Blue (66%)



- Red (66%)
- Yellow (74%)
- Blue (72%)



- Cyan (7%)
- Magenta (0%)
- Yellow (10%)
- Black (26%)



- Cyan (32%)
- Magenta (26%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.6002, 47.8297, 44.5229 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 42.6002, 47.8297, 44.5229 by changing the saturation by 10% instead.

■ 42.6002, 47.8297,
44.5229

■ 42.6002, 47.8297,
44.5229

347.9144,
378.1167, 380.9415

■ 29.7647, 33.6920,
30.7416

■ 78.3667, 86.9508,
83.3149

■ 19.8072, 22.6571,
20.1453

102.0284,
112.7030, 109.1626

■ 12.3625, 14.3405,
12.3156

130.0295,
143.0955, 139.8695

■ 7.0650, 8.3579,
6.8339

162.7355,
178.5128, 175.8542

■ 3.5495, 4.3248,
3.2815

200.5116,
219.3391, 217.5352

■ 1.4506, 1.8569,
1.2401

243.7232,

■ 0.2918, 0.5222,

265.9590, 265.3311

0.0120

292.7357,
318.7567, 319.6603

■ 0.0000, 0.0000,
0.0000

■ 42.6002, 47.8297,
44.5229

■ 42.6002, 47.8297,
44.5229

■ 38.0320, 45.6656,
35.7489

■ 47.7433, 50.2636,
54.6506

■ 34.0142, 43.7558,
28.2683

■ 53.4767, 52.9700,
66.1826

■ 30.5267, 42.0926,
22.0208

■ 59.8200, 55.9592,
79.1709

■ 27.5463, 40.6655,
16.9400

■ 66.7908, 59.2392,
93.6639

■ 25.0481, 39.4633,
12.9535

■ 73.0903, 62.2915,
102.7789

■ 23.0050, 38.4736,
9.9806

■ 77.2742, 64.4484,
102.9747

■ 21.3867, 37.6831,
7.9296

■ 20.1589, 37.0763,
6.6922

■ 19.2732, 36.6329,
6.0551

Harmonies

Analogous

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



44.3277, 47.8297, 41.7715



42.6002, 47.8297, 44.5229



41.6526, 47.8297, 49.4221

Triad

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



42.6002, 47.8297, 44.5229



44.5235, 47.8297, 64.1300



49.4378, 47.8297, 48.8743

Complementary

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



42.6002, 47.8297, 44.5229



42.7954, 42.0754, 53.4453

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.



49.4941, 47.8297, 54.8282



42.6002, 47.8297, 44.5229



46.6128, 47.8297, 63.9549

Square

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



42.6002, 47.8297, 44.5229



42.7397, 47.8297, 60.9052



48.4465, 47.8297, 60.4437



48.2948, 47.8297, 44.1485

Rectangle

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



42.6002, 47.8297, 44.5229



41.5711, 47.8297, 53.3889



48.4465, 47.8297, 60.4437



49.5856, 47.8297, 50.7896

Sweetspot

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



42.6015, 47.8318, 44.5239



83.6725, 89.7433, 93.3827



44.8222, 47.3975, 44.3231



17.8286, 19.2210, 19.7558



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



42.6015, 47.8318, 44.5239



75.3907, 85.8242, 77.1682



41.9317, 47.4375, 46.7028



9.6379, 10.7677, 10.1470



13.1823, 24.9716, 4.1252



0.5804, 1.0112, 0.1646

Inverse Universe

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



42.7954, 42.0754, 53.4453



75.8084, 73.4143, 96.4010



43.5351, 42.5111, 51.0226



9.6784, 9.5666, 12.0086



13.4500, 6.2198, 32.8845



0.5852, 0.2737, 1.2908

Previews

White Background



This preview shows how the XYZ color 42.6002, 47.8297, 44.5229 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 42.6002, 47.8297, 44.5229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

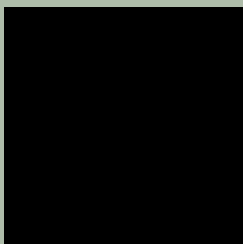
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.6002, 47.8297, 44.5229

Background



This preview shows how black text looks on a background with the XYZ color 42.6002, 47.8297, 44.5229.



This preview shows how white text looks on a background with the XYZ color 42.6002, 47.8297,

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

42.6002, 47.8297, 44.5229

Protanopia

45.3023, 47.6965, 42.8951

Deuteranopia

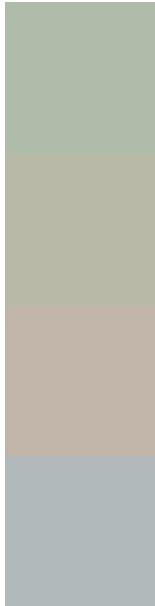
48.5264, 47.5064, 45.1401



Tritanopia

45.9239, 47.9419, 60.2593

Trichromacy



Original Color

42.6002, 47.8297, 44.5229

Protanomaly

44.3316, 47.8022, 43.4494

Deuteranomaly

46.0277, 47.4194, 44.7571

Tritanomaly

44.4501, 47.6329, 53.8650

Monochromacy



Original Color

42.6002, 47.8297, 44.5229

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.6667, 47.0390, 48.3729

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.6002, 47.8297, 44.5229 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(174, 188, 169)` looks like.

```
.text, #text, p{  
    color:rgb(174, 188, 169)  
}
```

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(174, 188, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 188, 169) }
```

Border

The CSS property to change the border of an element to XYZ 42.6002, 47.8297, 44.5229 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(174, 188, 169) }
```


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

```
.border{ border-color:rgb(174, 188, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 188, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 188, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 188, 169);  
box-shadow:4px 4px 4px 4px rgb(174, 188,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 42.6002, 47.8297, 44.5229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 188, 169) }
```

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

```
.background{ background-color: rgb(174,  
188, 169) }
```

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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