

Converting Colors

XYZ(42.3318, 47.7926, 44.3807)

Have a look what the booklet for
XYZ(42.3318, 47.7926, 44.3807)
contains.

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Color

**XYZ(42.3782, 47.7152,
44.5125)**

Conversions

Conversions Part 1

Format	Color
Hex	ADBCA9
RGB	173, 188, 169
RGB Percent	68%, 74%, 66%
CMY	0.3216, 0.2627, 0.3372
CMYK	0.08, 0.00, 0.10, 0.26
HSL	107°, 12%, 70%
HSV	107°, 10%, 74%
XYZ	42.3782, 47.7152, 44.5125
YIQ	181.3490, -2.8410, -9.0890

Conversions

Conversions Part 2

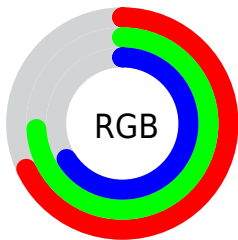
Format	Color
RYB	169, 188, 184
Decimal	11386025
CIELab	74.64, -8.73, 7.85
CIELCh	75, 11.742, 138.052
Yxy	47.7152, 0.3148, 0.3545
Android (android.graphics.Color)	4289576105 (0xFFADBCA9)
YUV	181.3490, -6.0881, -7.3221
Hunter-Lab	69.0762, -11.3737, 10.1470

Details

The XYZ color **42.3782, 47.7152, 44.5125** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.0341, 42.1984, 53.4563**, and the grayscale version is **44.1440, 46.4429, 50.5763**.

A 20% lighter version of the original color is **77.8001, 86.5772, 83.1316**, and **19.7600, 22.6772, 20.1653** is the 20% darker color. If you saturate the color by 10%, you get **37.6369, 45.4619, 35.7304**, and if you desaturate by 10%, it is **47.7406, 50.2622, 54.6504**.

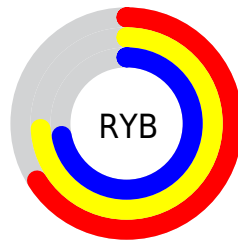
Distribution



Red (68%)

Green (74%)

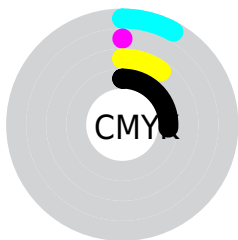
Blue (66%)



Red (66%)

Yellow (74%)

Blue (72%)

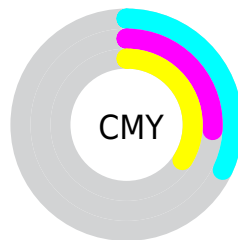


Cyan (8%)

Magenta (0%)

Yellow (10%)

Black (26%)



Cyan (32%)

Magenta (26%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.3782, 47.7152, 44.5125 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 42.3782, 47.7152, 44.5125 by changing the saturation by 10% instead.

■ 42.3782, 47.7152,
44.5125

■ 42.3782, 47.7152,
44.5125

347.0133,
377.6621, 380.8980

■ 29.5899, 33.6014,
30.7335

■ 78.0333, 86.7802,
83.2991

■ 19.6741, 22.5876,
20.1392

101.6308,
112.5002, 109.1437

■ 12.2652, 14.2893,
12.3112

129.5621,
142.8578, 139.8472

■ 6.9981, 8.3221,
6.8309

162.1926,
178.2372, 175.8282

■ 3.5072, 4.3018,
3.2797

199.8877,
219.0230, 217.5053

■ 1.4273, 1.8438,
1.2392

243.0125,

■ 0.2756, 0.5142,

265.5995, 265.2969

0.0111

291.9327,
318.3511, 319.6216

■ 0.0000, 0.0000,
0.0000

■ 42.3782, 47.7152,
44.5125

■ 42.3782, 47.7152,
44.5125

■ 37.6369, 45.4619,
35.7304

■ 47.7406, 50.2622,
54.6504

■ 33.4902, 43.4856,
28.2438

■ 53.7417, 53.1066,
66.1950

■ 29.9154, 41.7773,
21.9921

■ 60.4033, 56.2598,
79.1982

■ 26.8866, 40.3253,
16.9091

■ 67.7447, 59.7309,
93.7085

■ 24.3761, 39.1167,
12.9220

■ 74.4689, 63.0021,
102.8434

■ 22.3536, 38.1378,
9.9501

■ 77.2741, 64.4483,
102.9747

■ 20.7855, 37.3731,
7.9015

■ 19.6332, 36.8052,
6.6676

■ 18.8426, 36.4108,
6.0349

Harmonies

Analogous

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



44.0965, 47.7152, 41.5963



42.3782, 47.7152, 44.5125



41.4680, 47.7152, 49.5670

Triad

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



42.3782, 47.7152, 44.5125



44.5106, 47.7152, 64.2731



49.3516, 47.7152, 48.4087

Complementary

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



42.3782, 47.7152, 44.5125



43.0341, 42.1984, 53.4563

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.



49.4710, 47.7152, 54.4159



42.3782, 47.7152, 44.5125



46.6308, 47.7152, 63.9019

Square

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



42.3782, 47.7152, 44.5125



42.6732, 47.7152, 61.1591



48.4615, 47.7152, 60.1813



48.1404, 47.7152, 43.7218

Rectangle

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



42.3782, 47.7152, 44.5125



41.4226, 47.7152, 53.6114



48.4615, 47.7152, 60.1813



49.5221, 47.7152, 50.3306

Sweetspot

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



42.3795, 47.7172, 44.5135



83.5419, 89.6760, 93.3766



45.0187, 47.7906, 44.3886



17.7934, 19.2028, 19.7541



90.7827, 95.5105, 104.0109



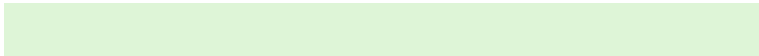
18.6292, 19.5994, 21.3438

Same Dimension

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



42.3795, 47.7172, 44.5135



74.9162, 85.5796, 77.1460



42.0243, 47.4745, 47.1903



9.5914, 10.7438, 10.1449



12.8800, 24.8158, 4.1111



0.5602, 1.0008, 0.1636

Inverse Universe

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



43.0341, 42.1984, 53.4563



76.3269, 73.6816, 96.4253



43.4361, 42.4715, 50.5012



9.7280, 9.5922, 12.0110



14.6120, 6.8188, 32.9389



0.6226, 0.2930, 1.2926

Previews

White Background



This preview shows how the XYZ color 42.3782, 47.7152, 44.5125 looks on a white background.

Color Contrast Check

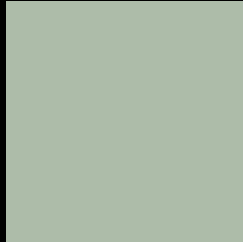
Large Text (above 18pt) WCAG AA × Fail

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 42.3782, 47.7152, 44.5125 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

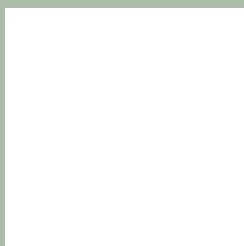
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.3782, 47.7152, 44.5125

Background



This preview shows how black text looks on a background with the XYZ color 42.3782, 47.7152, 44.5125.



This preview shows how white text looks on a background with the XYZ color 42.3782, 47.7152,

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

42.3782, 47.7152, 44.5125

Protanopia

45.3023, 47.6965, 42.8951

Deuteranopia

48.5264, 47.5064, 45.1401



Tritanopia

45.6936, 47.8232, 60.2486

Trichromacy



Original Color

42.3782, 47.7152, 44.5125

Protanomaly

44.0912, 47.6783, 43.4382

Deuteranomaly

46.0277, 47.4194, 44.7571

Tritanomaly

44.2231, 47.5159, 53.8544

Monochromacy



Original Color

42.3782, 47.7152, 44.5125

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.4364, 46.9203, 48.3621

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3782, 47.7152, 44.5125 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(173, 188, 169)` looks like.

```
.text, #text, p{  
    color:rgb(173, 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(173, 188, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 188, 169) }
```

Border

The CSS property to change the border of an element to XYZ 42.3782, 47.7152, 44.5125 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(173, 188, 169) }
```


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

```
.border{ border-color:rgb(173, 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(173, 188, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 188, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 188, 169);  
box-shadow:4px 4px 4px 4px rgb(173, 188,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3782, 47.7152, 44.5125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 188, 169) }
```

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

```
.background{ background-color: rgb(173,  
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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