

Converting Colors

XYZ(42.1099, 46.4435, 45.7700)

Have a look what the booklet for
XYZ(42.1099, 46.4435, 45.7700)
contains.

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Color

**XYZ(42.0424, 46.2582,
45.7426)**

Conversions

Conversions Part 1

Format	Color
Hex	AEB8AC
RGB	174, 184, 172
RGB Percent	68%, 72%, 67%
CMY	0.3176, 0.2784, 0.3255
CMYK	0.05, 0.00, 0.07, 0.28
HSL	110°, 8%, 70%
HSV	110°, 7%, 72%
XYZ	42.0424, 46.2582, 45.7426
YIQ	179.6420, -2.1080, -5.8520

Conversions

Conversions Part 2

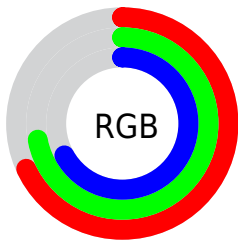
Format	Color
RYB	172, 184, 182
Decimal	11450540
CIELab	73.71, -5.73, 4.89
CIELCh	74, 7.529, 139.525
Yxy	46.2582, 0.3136, 0.3451
Android (android.graphics.Color)	4289640620 (0xFFAEB8AC)
YUV	179.6420, -3.7675, -4.9480
Hunter-Lab	68.0134, -8.6838, 7.7337

Details

The XYZ color **42.0424, 46.2582, 45.7426** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.6976, 42.9121, 51.3823**, and the grayscale version is **43.2120, 45.4623, 49.5085**.

A 20% lighter version of the original color is **77.3383, 84.5242, 84.9117**, and **19.5325, 21.7262, 20.9334** is the 20% darker color. If you saturate the color by 10%, you get **37.1728, 43.9394, 36.9198**, and if you desaturate by 10%, it is **47.5494, 48.8800, 55.8745**.

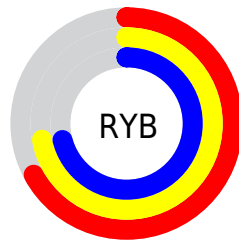
Distribution



Red (68%)

Green (72%)

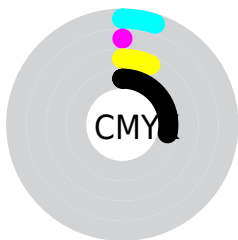
Blue (67%)



Red (67%)

Yellow (72%)

Blue (71%)

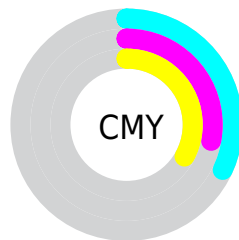


Cyan (5%)

Magenta (0%)

Yellow (7%)

Black (28%)



Cyan (32%)

Magenta (28%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.0424, 46.2582, 45.7426 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 42.0424, 46.2582, 45.7426 by changing the saturation by 10% instead.

■ 42.0424, 46.2582,
45.7426

■ 42.0424, 46.2582,
45.7426

345.6473,
371.8457, 386.0203

■ 29.3257, 32.4496,
31.6956

■ 77.5286, 84.6053,
85.1639

■ 19.4729, 21.7052,
20.8662

101.0288,
109.9126, 111.3752

■ 12.1185, 13.6404,
12.8359

128.8542,
139.8216, 142.4783

■ 6.8972, 7.8710,
7.1863

161.3702,
174.7166, 178.8918

■ 3.4437, 4.0125,
3.4987

198.9422,
214.9822, 221.0342

■ 1.3925, 1.6806,
1.3545

241.9355,

■ 0.2509, 0.4110,

261.0026, 269.3241

0.1059

290.7154,
313.1624, 324.1799

■ 0.0000, 0.0000,
0.0000

■ 42.0424, 46.2582,
45.7426

■ 42.0424, 46.2582,
45.7426

■ 37.1728, 43.9394,
36.9198

■ 47.5494, 48.8800,
55.8745

■ 32.9137, 41.9069,
29.3499

■ 53.7119, 51.8089,
67.3625

■ 29.2419, 40.1513,
22.9768

■ 60.5518, 55.0568,
80.2554

■ 26.1313, 38.6604,
17.7394

■ 68.0891, 58.6327,
94.5983

■ 23.5537, 37.4212,
13.5709

■ 74.8589, 61.9522,
102.6202

■ 21.4787, 36.4196,
10.3976

■ 76.4314, 62.7628,
102.6938

■ 19.8722, 35.6398,
8.1364

■ 18.6960, 35.0642,
6.6910

■ 17.9034, 34.6716,
5.9324

Harmonies

Analogous

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



43.1144, 46.2582, 43.7488



42.0424, 46.2582, 45.7426



41.4899, 46.2582, 49.0420

Triad

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



42.0424, 46.2582, 45.7426



43.5018, 46.2582, 57.9509



46.4320, 46.2582, 47.9491

Complementary

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



42.0424, 46.2582, 45.7426



42.6976, 42.9121, 51.3823

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.



46.5409, 46.2582, 51.7163



42.0424, 46.2582, 45.7426



44.8309, 46.2582, 57.6217

Square

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



42.0424, 46.2582, 45.7426



42.3211, 46.2582, 56.1714



45.9495, 46.2582, 55.2937



45.6551, 46.2582, 44.9774

Rectangle

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



42.0424, 46.2582, 45.7426



41.4828, 46.2582, 51.5941



45.9495, 46.2582, 55.2937



46.5485, 46.2582, 49.1601

Sweetspot

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



42.0437, 46.2602, 45.7436



80.5477, 85.9187, 90.8647



43.9435, 46.6270, 45.7143



17.3872, 18.5331, 19.6305



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



42.0437, 46.2602, 45.7436



74.7129, 83.1411, 80.1846



41.9917, 46.1883, 47.7776



9.0261, 10.1301, 9.5865



12.2368, 23.8446, 3.9575



0.4749, 0.8630, 0.1416

Inverse Universe

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



42.6976, 42.9121, 51.3823



76.1748, 75.6549, 92.7926



42.7596, 42.9919, 49.2264



9.2301, 9.0850, 11.3465



15.1133, 7.1024, 31.8274



0.5723, 0.2707, 1.1238

Previews

White Background



This preview shows how the XYZ color 42.0424, 46.2582, 45.7426 looks on a white background.

Color Contrast Check

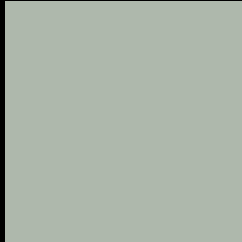
Large Text (above 18pt) WCAG AA × Fail

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 42.0424, 46.2582, 45.7426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

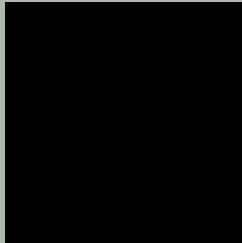
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.0424, 46.2582, 45.7426

Background



This preview shows how black text looks on a background with the XYZ color 42.0424, 46.2582, 45.7426.



This preview shows how white text looks on a background with the XYZ color 42.0424, 46.2582,

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

42.0424, 46.2582, 45.7426

Protanopia

44.0705, 46.1096, 44.6075

Deuteranopia

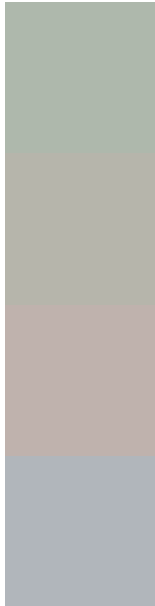
47.0573, 46.1334, 46.4689



Tritanopia

44.7343, 46.4529, 58.2383

Trichromacy



Original Color

42.0424, 46.2582, 45.7426

Protanomaly

43.1660, 45.9331, 45.1190

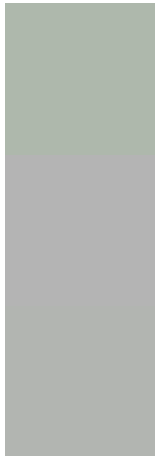
Deuteranomaly

44.9491, 45.9343, 46.0323

Tritanomaly

43.8291, 46.3909, 53.6580

Monochromacy



Original Color

42.0424, 46.2582, 45.7426

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

42.8198, 45.6870, 48.1566

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.0424, 46.2582, 45.7426 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, 184, 172)` looks like.

```
.text, #text, p{  
    color:rgb(174, 184, 172)  
}
```

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, 184, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 184, 172) }
```

Border

The CSS property to change the border of an element to XYZ 42.0424, 46.2582, 45.7426 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, 184, 172) }
```


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

```
.border{ border-color:rgb(174, 184, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 184, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 184, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 184, 172);  
box-shadow:4px 4px 4px 4px rgb(174, 184,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 42.0424, 46.2582, 45.7426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 184, 172) }
```

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

```
.background{ background-color: rgb(174,  
184, 172) }
```

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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