

Converting Colors

XYZ(41.4773, 39.9915, 45.6431)

Have a look what the booklet for
XYZ(41.4773, 39.9915, 45.6431)
contains.

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Color

**XYZ(41.4762, 39.9417,
45.5679)**

Conversions

Conversions Part 1

Format	Color
Hex	BCA3AE
RGB	188, 163, 174
RGB Percent	74%, 64%, 68%
CMY	0.2627, 0.3608, 0.3176
CMYK	0.00, 0.13, 0.07, 0.26
HSL	334°, 16%, 69%
HSV	334°, 13%, 74%
XYZ	41.4762, 39.9417, 45.5679
YIQ	171.7290, 11.3690, 8.7210

Conversions

Conversions Part 2

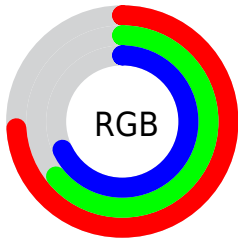
Format	Color
R_{YB}	188, 163, 174
Decimal	12362670
CIE _{Lab}	69.43, 11.02, -2.31
CIE _{LCh}	69, 11.263, 348.167
Yxy	39.9417, 0.3266, 0.3145
Android (android.graphics.Color)	4290552750 (0xFFBCA3AE)
YUV	171.7290, 1.1196, 14.2697
Hunter-Lab	63.1994, 6.5460, 1.4905

Details

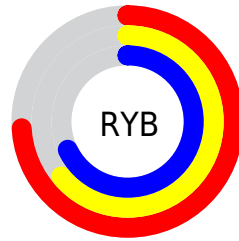
The XYZ color **41.4762, 39.9417, 45.5679** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.0248, 46.9283, 48.4930**, and the grayscale version is **39.0671, 41.1017, 44.7597**.

A 20% lighter version of the original color is **76.5225, 75.0330, 84.5784**, and **19.1890, 17.9249, 20.8608** is the 20% darker color. If you saturate the color by 10%, you get **37.3967, 33.3612, 39.3407**, and if you desaturate by 10%, it is **46.1347, 47.5503, 52.3861**.

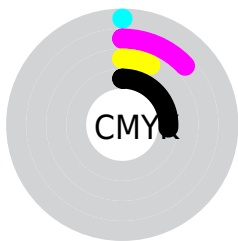
Distribution



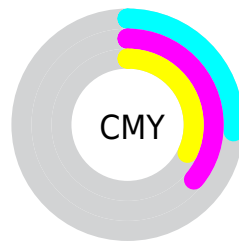
- Red (74%)
- Green (64%)
- Blue (68%)



- Red (74%)
- Yellow (64%)
- Blue (68%)



- Cyan (0%)
- Magenta (13%)
- Yellow (7%)
- Black (26%)



- Cyan (26%)
- Magenta (36%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.4762, 39.9417, 45.5679 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 41.4762, 39.9417, 45.5679 by changing the saturation by 10% instead.

■ 41.4762, 39.9417,
45.5679

■ 41.4762, 39.9417,
45.5679

343.3357,
345.8778, 385.2957

■ 28.8807, 27.4931,
31.5588

■ 76.6764, 75.0747,
84.8994

■ 19.1344, 17.9439,
20.7627

■ 100.0118, 98.5279,
111.0589

■ 11.8720, 10.9097,
12.7611

127.6579,
126.4181, 142.1055

■ 6.7282, 6.0062,
7.1355

159.9800,
159.1297, 178.4579

■ 3.3375, 2.8488,
3.4672

197.3434,
197.0471, 220.5346

■ 1.3347, 1.0533,
1.3379

240.1136,

■ 0.2089, 0.0000,

240.5546, 268.7541

0.0925

288.6559,
290.0367, 323.5350

■ 0.0000, 0.0000,
0.0000

■ 41.4762, 39.9417,
45.5679

■ 41.4762, 39.9417,
45.5679

■ 37.3967, 33.3612,
39.3407

■ 46.1347, 47.5503,
52.3861

■ 33.8692, 27.7593,
33.6850

■ 51.3910, 56.2235,
59.8089

■ 30.8694, 23.0899,
28.5839

■ 57.2672, 66.0022,
67.8526

■ 28.3698, 19.3016,
24.0184

■ 63.7835, 76.9239,
76.5322

■ 26.3406, 16.3374,
19.9684

■ 70.3158, 87.7381,
85.6476

■ 24.7482, 14.1340,
16.4122

■ 71.8113, 88.3363,
93.5224

■ 23.5545, 12.6185,
13.3259

■ 73.3971, 88.9706,
101.8731

■ 22.7137, 11.7035,
10.6827

■ 74.5493, 89.4315,
107.9406

■ 22.2893, 11.3115,
9.1331

Harmonies

Analogous

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



40.6187, 39.9417, 50.4893



41.4762, 39.9417, 45.5679



41.3706, 39.9417, 40.4525

Triad

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



41.4762, 39.9417, 45.5679



36.8875, 39.9417, 34.6820



35.6869, 39.9417, 51.3552

Complementary

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



41.4762, 39.9417, 45.5679



41.0248, 46.9283, 48.4930

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.



34.7486, 39.9417, 46.6752



41.4762, 39.9417, 45.5679



35.4264, 39.9417, 37.1689

Square

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



41.4762, 39.9417, 45.5679



38.6823, 39.9417, 34.4372



34.6547, 39.9417, 41.4757



37.2535, 39.9417, 54.0040

Rectangle

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



41.4762, 39.9417, 45.5679



40.7688, 39.9417, 37.6110



34.6547, 39.9417, 41.4757



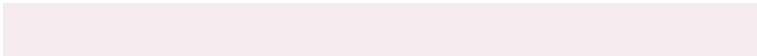
35.2898, 39.9417, 49.9511

Sweetspot

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



41.4773, 39.9435, 45.5688



82.9238, 85.0484, 93.9516



40.2503, 39.1449, 53.0118



17.6886, 18.0535, 19.9965



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.



41.4773, 39.9435, 45.5688



72.8701, 68.6625, 79.1279



40.6715, 39.9780, 40.2253



9.6998, 9.6042, 10.8082



15.2117, 7.7158, 6.4082



0.6288, 0.3154, 0.4243

Inverse Universe

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



41.4773, 39.9435, 45.5688



72.8701, 68.6625, 79.1279



41.8999, 46.8530, 54.4127



9.6998, 9.6042, 10.8082



15.2117, 7.7158, 6.4082



0.6288, 0.3154, 0.4243

Previews

White Background



This preview shows how the XYZ color 41.4762, 39.9417, 45.5679 looks on a white background.

Color Contrast Check

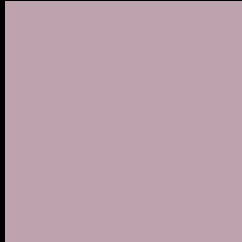
Large Text (above 18pt) WCAG AA × Fail

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 41.4762, 39.9417, 45.5679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

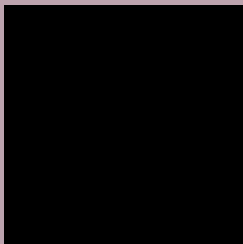
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.4762, 39.9417, 45.5679

Background



This preview shows how black text looks on a background with the XYZ color 41.4762, 39.9417, 45.5679.



This preview shows how white text looks on a background with the XYZ color 41.4762, 39.9417,

45.5679.

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

41.4762, 39.9417, 45.5679

Protanopia

38.7013, 40.0963, 47.2946

Deuteranopia

40.6826, 39.7973, 45.5818



Tritanopia

41.5741, 39.9809, 46.0833

Trichromacy



Original Color

41.4762, 39.9417, 45.5679

Protanomaly

39.7867, 40.1191, 46.7211

Deuteranomaly

40.9230, 39.9212, 45.5931

Tritanomaly

41.5741, 39.9809, 46.0833

Monochromacy



Original Color

41.4762, 39.9417, 45.5679

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

40.0909, 40.8580, 45.3085

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4762, 39.9417, 45.5679 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(188, 163, 174)` looks like.

```
.text, #text, p{  
    color:rgb(188, 163, 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(188, 163, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 163, 174) }
```

Border

The CSS property to change the border of an element to XYZ 41.4762, 39.9417, 45.5679 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(188, 163, 174) }
```


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

```
.border{ border-color:rgb(188, 163, 174) }
```

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

Here you see how a box with a 4 pixel rgb(188, 163, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 163, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 163, 174);  
box-shadow:4px 4px 4px 4px rgb(188, 163,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4762, 39.9417, 45.5679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 163, 174) }
```

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

```
.background{ background-color: rgb(188,  
163, 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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