

Converting Colors

XYZ(42.2956, 45.8691, 39.3843)

Have a look what the booklet for
XYZ(42.2956, 45.8691, 39.3843)
contains.

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Color

**XYZ(42.2774, 45.9042,
39.4330)**

Conversions

Conversions Part 1

Format	Color
Hex	B6B69F
RGB	182, 182, 159
RGB Percent	71%, 71%, 62%
CMY	0.2863, 0.2863, 0.3765
CMYK	0.00, 0.00, 0.13, 0.29
HSL	60°, 14%, 67%
HSV	60°, 13%, 71%
XYZ	42.2774, 45.9042, 39.4330
YIQ	179.3780, 7.3830, -7.1530

Conversions

Conversions Part 2

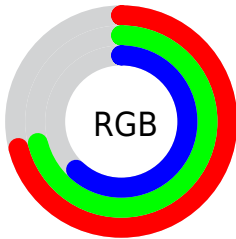
Format	Color
RYB	159, 182, 159
Decimal	11974303
CIELab	73.48, -4.03, 11.72
CIELCh	73, 12.395, 108.970
Yxy	45.9042, 0.3313, 0.3597
Android (android.graphics.Color)	4290164383 (0xFFB6B69F)
YUV	179.3780, -10.0464, 2.2995
Hunter-Lab	67.7526, -7.1838, 12.9192

Details

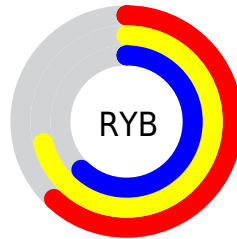
The XYZ color **42.2774, 45.9042, 39.4330** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **35.1414, 35.5458, 49.2673**, and the grayscale version is **43.0997, 45.3442, 49.3799**.

A 20% lighter version of the original color is **77.9720, 84.1813, 75.7574**, and **19.6103, 21.4504, 17.2941** is the 20% darker color. If you saturate the color by 10%, you get **40.8127, 45.3198, 31.7182**, and if you desaturate by 10%, it is **43.9771, 46.5857, 48.3746**.

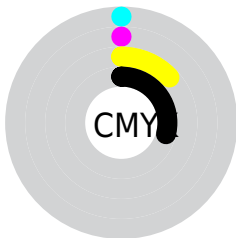
Distribution



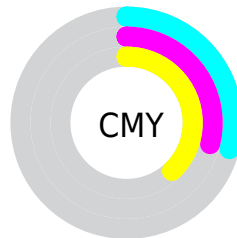
- Red (71%)
- Green (71%)
- Blue (62%)



- Red (62%)
- Yellow (71%)
- Blue (62%)



- Cyan (0%)
- Magenta (0%)
- Yellow (13%)
- Black (29%)





- Cyan (29%)
- Magenta (29%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.2774, 45.9042, 39.4330 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 42.2774, 45.9042, 39.4330 by changing the saturation by 10% instead.


 42.2774, 45.9042,
39.4330


 42.2774, 45.9042,
39.4330


346.6037,
370.4234, 359.2087

 29.5106, 32.1702,
26.7863

 77.8818, 84.0756,
75.5269

 19.6137, 21.4916,
17.1818


 101.4502,
109.2818, 99.8113

 12.2211, 13.4838,
10.2009

129.3498,
139.0809, 128.8119

 6.9677, 7.7625,
5.4250

161.9459,
173.8573, 162.9474

 3.4881, 3.9434,
2.4357

199.6041,
213.9953, 202.6363

 1.4168, 1.6419,
0.8058

242.6895,

 0.2682, 0.3856,

259.8794, 248.2971

0.0000

291.5676,
311.8940, 300.3484

■ 0.0000, 0.0000,
0.0000

■ 42.2774, 45.9042,
39.4330

■ 42.2774, 45.9042,
39.4330

■ 40.8127, 45.3198,
31.7182

■ 43.9771, 46.5857,
48.3746

■ 39.5693, 44.8223,
25.1741

■ 45.9178, 47.3620,
58.5902

■ 38.5375, 44.4095,
19.7442


■ 48.1095, 48.2388,
70.1280


■ 37.7056, 44.0767,
15.3667


■ 50.5608, 49.2194,
83.0329


■ 37.0605, 43.8186,
11.9732


■ 53.2798, 50.3071,
97.3476


 36.5878, 43.6294,
9.4878


 54.0746, 50.6251,
101.5293


 36.2710, 43.5026,
7.8232

 54.0753, 50.6254,
101.5294

 36.0903, 43.4303,
6.8751

 54.0759, 50.6258,
101.5294

 36.0146, 43.3999,
6.4788

 54.0766, 50.6261,
101.5294

Harmonies

Analogous

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



44.4403, 45.9042, 39.0655



42.2774, 45.9042, 39.4330



40.5337, 45.9042, 42.4835

Triad

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



42.2774, 45.9042, 39.4330



40.9271, 45.9042, 59.6315



47.8909, 45.9042, 52.3223

Complementary

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



42.2774, 45.9042, 39.4330



35.1414, 35.5458, 49.2673

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.



46.8813, 45.9042, 58.3144



42.2774, 45.9042, 39.4330



42.8307, 45.9042, 62.7631

Square

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



42.2774, 45.9042, 39.4330



39.7723, 45.9042, 54.0012



45.0123, 45.9042, 62.2619



47.7306, 45.9042, 46.1671

Rectangle

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



42.2774, 45.9042, 39.4330



39.8209, 45.9042, 45.7823



45.0123, 45.9042, 62.2619



47.6757, 45.9042, 54.4307

Sweetspot

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



42.2786, 45.9062, 39.4340



79.2593, 84.2682, 85.2424



37.9490, 37.2456, 37.9905



17.4524, 18.5908, 18.5456



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.



42.2786, 45.9062, 39.4340



75.9116, 82.9289, 67.6211



39.6735, 44.5632, 39.3121



9.7501, 10.5033, 9.6204



25.4317, 30.6468, 4.5750



0.8966, 1.0804, 0.1613

Inverse Universe

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



35.1414, 35.5458, 49.2673



60.5740, 60.6647, 88.7526



37.5289, 36.7766, 49.3790



8.5213, 8.7196, 11.3134



5.9630, 2.3852, 31.3992



0.2103, 0.0841, 1.1069

Previews

White Background



This preview shows how the XYZ color 42.2774, 45.9042, 39.4330 looks on a white background.

Color Contrast Check

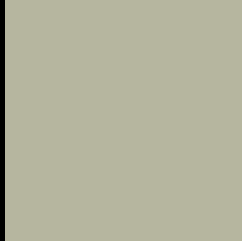
Large Text (above 18pt) WCAG AA × Fail

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 42.2774, 45.9042, 39.4330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

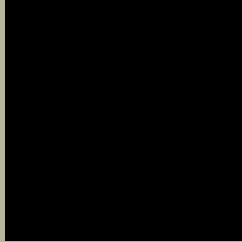
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

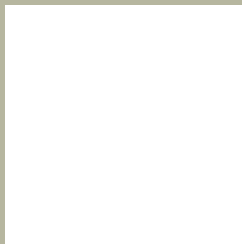
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.2774, 45.9042, 39.4330

Background



This preview shows how black text looks on a background with the XYZ color 42.2774, 45.9042, 39.4330.



This preview shows how white text looks on a background with the XYZ color 42.2774, 45.9042,

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

42.2774, 45.9042, 39.4330

Protanopia

43.4791, 45.9300, 38.9215

Deuteranopia

46.7459, 45.8244, 40.0994



Tritanopia

45.6196, 45.7707, 55.7204

Trichromacy



Original Color

42.2774, 45.9042, 39.4330

Protanomaly

42.9451, 45.9555, 38.9546

Deuteranomaly

45.0933, 45.8527, 39.7315

Tritanomaly

44.2644, 45.8092, 49.1569

Monochromacy



Original Color

42.2774, 45.9042, 39.4330

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.5900, 45.3244, 45.5335

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.2774, 45.9042, 39.4330 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(182, 182, 159)` looks like.

```
.text, #text, p{  
    color:rgb(182, 182, 159)  
}
```

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(182, 182, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 182, 159) }
```

Border

The CSS property to change the border of an element to XYZ 42.2774, 45.9042, 39.4330 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(182, 182, 159) }
```


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

```
.border{ border-color:rgb(182, 182, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 182, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 182, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 182, 159);  
box-shadow:4px 4px 4px 4px rgb(182, 182,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 42.2774, 45.9042, 39.4330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 182, 159) }
```

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

```
.background{ background-color: rgb(182,  
182, 159) }
```

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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