

Converting Colors

XYZ(39.2245, 40.5725, 41.7343)

Have a look what the booklet for
XYZ(39.2245, 40.5725, 41.7343)
contains.

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Color

**XYZ(39.2024, 40.4762,
41.8229)**

Conversions

Conversions Part 1

Format	Color
Hex	B1A9A6
RGB	177, 169, 166
RGB Percent	69%, 66%, 65%
CMY	0.3059, 0.3372, 0.3490
CMYK	0.00, 0.05, 0.06, 0.31
HSL	16°, 7%, 67%
HSV	16°, 6%, 69%
XYZ	39.2024, 40.4762, 41.8229
YIQ	171.0500, 5.7310, 0.7630

Conversions

Conversions Part 2

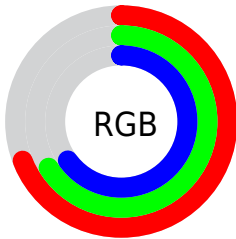
Format	Color
RYB	177, 170, 166
Decimal	11643302
CIELab	69.81, 2.33, 2.56
CIELCh	70, 3.460, 47.723
Yxy	40.4762, 0.3226, 0.3331
Android (android.graphics.Color)	4289833382 (0xFFB1A9A6)
YUV	171.0500, -2.4896, 5.2182
Hunter-Lab	63.6209, -1.3471, 5.5588

Details

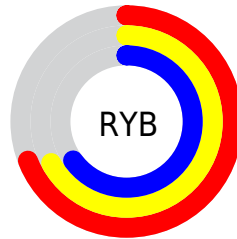
The XYZ color **39.2024, 40.4762, 41.8229** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.7978, 41.5529, 47.5713**, and the grayscale version is **38.7448, 40.7626, 44.3904**.

A 20% lighter version of the original color is **73.3111, 75.8554, 79.1843**, and **17.7107, 18.2226, 18.5034** is the 20% darker color. If you saturate the color by 10%, you get **35.4122, 35.3176, 33.0926**, and if you desaturate by 10%, it is **43.4540, 46.1990, 51.8105**.

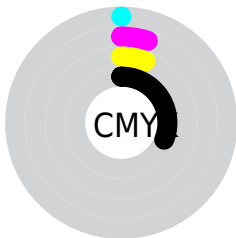
Distribution



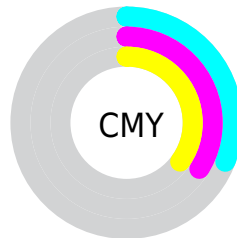
- Red (69%)
- Green (66%)
- Blue (65%)



- Red (69%)
- Yellow (67%)
- Blue (65%)



- Cyan (0%)
- Magenta (5%)
- Yellow (6%)
- Black (31%)



- Cyan (31%)
- Magenta (34%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.2024, 40.4762, 41.8229 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 39.2024, 40.4762, 41.8229 by changing the saturation by 10% instead.

■ 39.2024, 40.4762,
41.8229

■ 39.2024, 40.4762,
41.8229

333.9426,
348.1266, 369.5262

■ 27.0987, 27.9100,
28.6381

■ 73.2395, 75.8881,
79.1987

■ 17.7843, 18.2578,
18.5640

■ 95.9036, 99.5026,
104.2268

■ 10.8940, 11.1353,
11.1821

122.8185,
127.5687, 134.0398

■ 6.0624, 6.1579,
6.0737

154.3495,
160.4708, 169.0561

■ 2.9241, 2.9413,
2.8204

190.8621,
198.5932, 209.6944

■ 1.1137, 1.1012,
1.0037

232.7216,

■ 0.0366, 0.0000,

242.3204, 256.3732

0.0000

280.2933,
292.0367, 309.5109

■ 0.0000, 0.0000,
0.0000

■ 39.2024, 40.4762,
41.8229

■ 39.2024, 40.4762,
41.8229

■ 35.4122, 35.3176,
33.0926

■ 43.4540, 46.1990,
51.8105

■ 32.0642, 30.7006,
25.5671

■ 48.1786, 52.4972,
63.1000

■ 29.1427, 26.6092,
19.1936

■ 53.3918, 59.3881,
75.7370

■ 26.6299, 23.0240,
13.9149

■ 59.1073, 66.8870,
89.7642

■ 24.5064, 19.9250,
9.6685

■ 65.3382, 75.0083,
105.2222

■ 22.7516, 17.2903,
6.3856

■ 69.2022, 82.6082,
106.9054

■ 21.3422, 15.0967,
3.9890

■ 71.9417, 88.0873,
107.8186

■ 20.2525, 13.3183,
2.3894

■ 19.4503, 11.9256,
1.4691

Harmonies

Analogous

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



39.5092, 40.4762, 43.1370



39.2024, 40.4762, 41.8229



38.7015, 40.4762, 41.1184

Triad

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



39.2024, 40.4762, 41.8229



37.4259, 40.4762, 43.4174



38.8011, 40.4762, 47.0836

Complementary

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



39.2024, 40.4762, 41.8229



38.7978, 41.5529, 47.5713

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.



38.2423, 40.4762, 47.1631



39.2024, 40.4762, 41.8229



37.4520, 40.4762, 45.0199

Square

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



39.2024, 40.4762, 41.8229



37.6780, 40.4762, 42.0239



37.7496, 40.4762, 46.3997



39.2759, 40.4762, 46.1850

Rectangle

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



39.2024, 40.4762, 41.8229



38.3265, 40.4762, 41.0777



37.7496, 40.4762, 46.3997



38.6167, 40.4762, 47.2077

Sweetspot

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



39.2035, 40.4780, 41.8238



73.2919, 76.6531, 82.1024



39.4148, 39.6788, 45.6605



15.9017, 16.6364, 17.8354



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



39.2035, 40.4780, 41.8238



69.5634, 71.6165, 73.3976



40.2349, 42.5408, 42.1676



8.8460, 9.0969, 9.2943



13.9566, 8.4118, 0.8881



0.4889, 0.3642, 0.0445

Inverse Universe

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



38.7978, 41.5529, 47.5713



68.7359, 73.8087, 85.1190



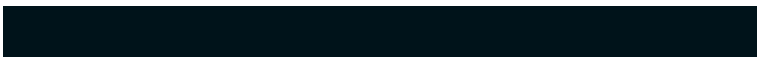
37.7698, 39.4969, 47.2286



8.7355, 9.3895, 10.8583



11.4595, 13.7194, 32.1811



0.4061, 0.5226, 1.0277

Previews

White Background



This preview shows how the XYZ color 39.2024, 40.4762, 41.8229 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 39.2024, 40.4762, 41.8229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

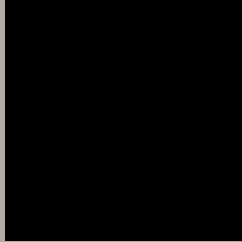
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.2024, 40.4762, 41.8229

Background



This preview shows how black text looks on a background with the XYZ color 39.2024, 40.4762, 41.8229.



This preview shows how white text looks on a background with the XYZ color 39.2024, 40.4762,

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

39.2024, 40.4762, 41.8229

Protanopia

38.7132, 40.5013, 41.8535

Deuteranopia

41.1692, 40.3917, 42.1857



Tritanopia

40.6473, 40.5164, 48.8581

Trichromacy



Original Color

39.2024, 40.4762, 41.8229

Protanomaly

38.9369, 40.6166, 41.8640

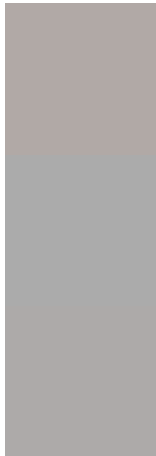
Deuteranomaly

40.3784, 40.2528, 42.2006

Tritanomaly

40.1006, 40.5654, 46.2738

Monochromacy



Original Color

39.2024, 40.4762, 41.8229

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.7697, 40.4983, 43.3097

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2024, 40.4762, 41.8229 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(177, 169, 166)` looks like.

```
.text, #text, p{  
    color:rgb(177, 169, 166)  
}
```

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(177, 169, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 169, 166) }
```

Border

The CSS property to change the border of an element to XYZ 39.2024, 40.4762, 41.8229 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(177, 169, 166) }
```


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

```
.border{ border-color:rgb(177, 169, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 169, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 169, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 169, 166);  
box-shadow:4px 4px 4px 4px rgb(177, 169,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2024, 40.4762, 41.8229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 169, 166) }
```

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

```
.background{ background-color: rgb(177,  
169, 166) }
```

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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