

Converting Colors

XYZ(40.2622, 40.4208, 41.3925)

Have a look what the booklet for
XYZ(40.2622, 40.4208, 41.3925)
contains.

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Color

**XYZ(40.3774, 40.5444,
41.2950)**

Conversions

Conversions Part 1

Format	Color
Hex	B8A7A5
RGB	184, 167, 165
RGB Percent	72%, 65%, 65%
CMY	0.2784, 0.3451, 0.3529
CMYK	0.00, 0.09, 0.10, 0.28
HSL	6°, 12%, 68%
HSV	6°, 10%, 72%
XYZ	40.3774, 40.5444, 41.2950
YIQ	171.8550, 10.7740, 2.9820

Conversions

Conversions Part 2

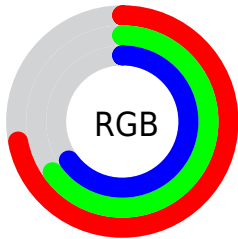
Format	Color
RYB	184, 167, 165
Decimal	12101541
CIELab	69.86, 5.80, 3.26
CIELCh	70, 6.654, 29.313
Yxy	40.5444, 0.3304, 0.3317
Android (android.graphics.Color)	4290291621 (0xFFB8A7A5)
YUV	171.8550, -3.3795, 10.6512
Hunter-Lab	63.6745, 1.7605, 6.1206

Details

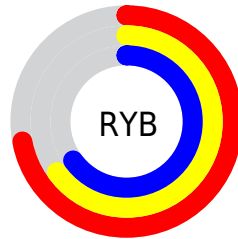
The XYZ color **40.3774, 40.5444, 41.2950** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.8965, 44.9150, 51.8618**, and the grayscale version is **39.1530, 41.1920, 44.8581**.

A 20% lighter version of the original color is **74.9747, 75.9351, 78.4155**, and **18.4714, 18.2790, 18.1774** is the 20% darker color. If you saturate the color by 10%, you get **35.9960, 34.2714, 32.1578**, and if you desaturate by 10%, it is **45.3859, 47.6850, 51.8310**.

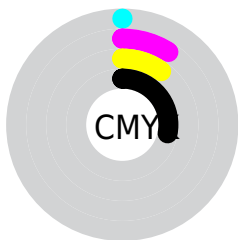
Distribution



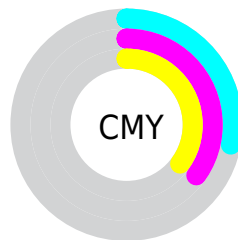
- Red (72%)
- Green (65%)
- Blue (65%)



- Red (72%)
- Yellow (65%)
- Blue (65%)



- Cyan (0%)
- Magenta (9%)
- Yellow (10%)
- Black (28%)




- Cyan (28%)
- Magenta (35%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.3774, 40.5444, 41.2950 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 40.3774, 40.5444, 41.2950 by changing the saturation by 10% instead.


 40.3774, 40.5444,
41.2950


 40.3774, 40.5444,
41.2950


338.8189,
348.4128, 367.2651

 28.0184, 27.9633,
28.2282


 75.0186, 75.9918,
78.3900

 18.4801, 18.2980,
18.2572


 98.0315, 99.6268,
103.2554

 11.3970, 11.1641,
10.9635


125.3264,
127.7153, 132.8907

 6.4038, 6.1773,
5.9284

157.2687,
160.6416, 167.7145

 3.1351, 2.9532,
2.7335

194.2238,
198.7901, 208.1452

 1.2256, 1.1074,
0.9602

236.5569,

 0.1264, 0.0000,

242.5452, 254.6016

0.0000

284.6335,
292.2913, 307.5020

■ 0.0000, 0.0000,
0.0000

■ 40.3774, 40.5444,
41.2950

■ 40.3774, 40.5444,
41.2950

■ 35.9960, 34.2714,
32.1578

■ 45.3859, 47.6850,
51.8310

■ 32.2137, 28.8279,
24.3580

■ 51.0412, 55.7188,
63.8185

■ 29.0053, 24.1806,
17.8336

■ 57.3667, 64.6773,
77.3105

■ 26.3427, 20.2921,
12.5168

■ 64.3833, 74.5885,
92.3566

■ 24.1953, 17.1221,
8.3331

■ 71.7871, 85.3499,
107.2983

■ 22.5294, 14.6264,
5.2002

■ 73.5773, 88.9304,
107.8951

■ 21.3073, 12.7559,
3.0243

■ 20.4856, 11.4548,
1.6950

■ 20.0071, 10.6699,
1.0050

Harmonies

Analogous

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



40.6524, 40.5444, 44.2174



40.3774, 40.5444, 41.2950



39.6069, 40.5444, 39.2216

Triad

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



40.3774, 40.5444, 41.2950



36.7761, 40.5444, 41.1768



38.5113, 40.5444, 50.3705

Complementary

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



40.3774, 40.5444, 41.2950



40.8965, 44.9150, 51.8618

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.



37.4850, 40.5444, 49.4661



40.3774, 40.5444, 41.2950



36.4948, 40.5444, 44.0746

Square

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



40.3774, 40.5444, 41.2950



37.5275, 40.5444, 39.1556



36.7519, 40.5444, 47.1252



39.5629, 40.5444, 49.5432

Rectangle

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



40.3774, 40.5444, 41.2950



38.9230, 40.5444, 38.5504



36.7519, 40.5444, 47.1252



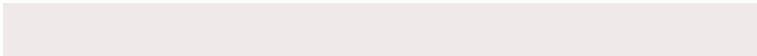
38.1520, 40.5444, 50.2583

Sweetspot

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



40.3785, 40.5462, 41.2959



79.6860, 82.7572, 88.4974



41.6766, 40.4827, 49.9280



17.0176, 17.6114, 18.7390



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.



40.3785, 40.5462, 41.2959



71.6220, 71.2502, 71.5637



42.1630, 44.1152, 41.8907



9.0788, 9.1606, 9.3966



13.8147, 7.4057, 0.7013



0.5124, 0.3118, 0.0332

Inverse Universe

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



40.8965, 44.9150, 51.8618



72.7171, 80.4886, 93.9079



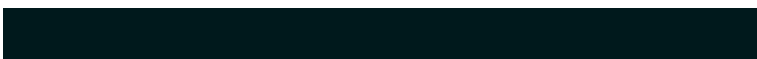
39.0363, 41.1945, 51.2417



9.1836, 10.0445, 11.5342



15.2168, 20.8932, 34.4839



0.5598, 0.7833, 1.2234

Previews

White Background



This preview shows how the XYZ color 40.3774, 40.5444, 41.2950 looks on a white background.

Color Contrast Check

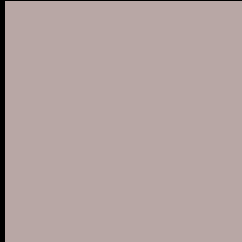
Large Text (above 18pt) WCAG AA × Fail

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 40.3774, 40.5444, 41.2950 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 40.3774, 40.5444, 41.2950

Background



This preview shows how black text looks on a background with the XYZ color 40.3774, 40.5444, 41.2950.



This preview shows how white text looks on a background with the XYZ color 40.3774, 40.5444,

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

40.3774, 40.5444, 41.2950

Protanopia

39.0290, 40.6534, 42.3491

Deuteranopia

41.2329, 40.4457, 41.2309



Tritanopia

41.7407, 40.5637, 47.7491

Trichromacy



Original Color

40.3774, 40.5444, 41.2950

Protanomaly

39.4310, 40.5941, 41.8336

Deuteranomaly

40.9213, 40.5538, 41.2682

Tritanomaly

41.1866, 40.6039, 45.2017

Monochromacy



Original Color

40.3774, 40.5444, 41.2950

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.4407, 40.8441, 43.3411

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.3774, 40.5444, 41.2950 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(184, 167, 165)` looks like.

```
.text, #text, p{  
    color:rgb(184, 167, 165)  
}
```

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(184, 167, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 167, 165) }
```

Border

The CSS property to change the border of an element to XYZ 40.3774, 40.5444, 41.2950 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(184, 167, 165) }
```


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

```
.border{ border-color:rgb(184, 167, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 167, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 167, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 167, 165);  
box-shadow:4px 4px 4px 4px rgb(184, 167,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 40.3774, 40.5444, 41.2950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 167, 165) }
```

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

```
.background{ background-color: rgb(184,  
167, 165) }
```

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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