

Converting Colors

XYZ(40.3923, 42.4338, 42.4213)

Have a look what the booklet for
XYZ(40.3923, 42.4338, 42.4213)
contains.

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Color

**XYZ(40.4712, 42.5271,
42.6347)**

Conversions

Conversions Part 1

Format	Color
Hex	B2AEA7
RGB	178, 174, 167
RGB Percent	70%, 68%, 65%
CMY	0.3020, 0.3176, 0.3451
CMYK	0.00, 0.02, 0.06, 0.30
HSL	38°, 7%, 68%
HSV	38°, 6%, 70%
XYZ	40.4712, 42.5271, 42.6347
YIQ	174.3980, 4.6310, -1.3290

Conversions

Conversions Part 2

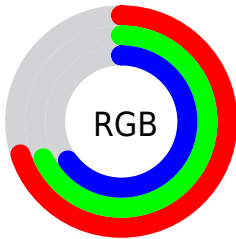
Format	Color
RYB	173, 178, 167
Decimal	11710119
CIELab	71.23, 0.16, 4.08
CIELCh	71, 4.086, 87.806
Yxy	42.5271, 0.3221, 0.3385
Android (android.graphics.Color)	4289900199 (0xFFB2AEA7)
YUV	174.3980, -3.6472, 3.1590
Hunter-Lab	65.2128, -3.3449, 6.8865

Details

The XYZ color **40.4712, 42.5271, 42.6347** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.5351, 40.5550, 47.9169**, and the grayscale version is **40.4543, 42.5611, 46.3490**.

A 20% lighter version of the original color is **75.1358, 78.8050, 80.3580**, and **18.5115, 19.5168, 19.0111** is the 20% darker color. If you saturate the color by 10%, you get **37.7185, 39.4760, 34.1497**, and if you desaturate by 10%, it is **43.5130, 45.7928, 52.3346**.

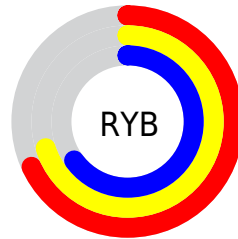
Distribution



Red (70%)

Green (68%)

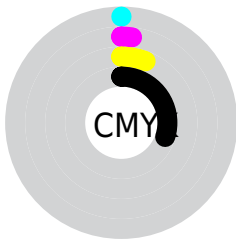
Blue (65%)



Red (68%)

Yellow (70%)

Blue (65%)

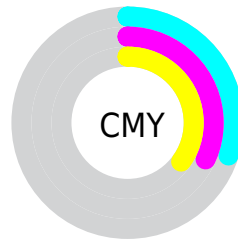


Cyan (0%)

Magenta (2%)

Yellow (6%)

Black (30%)



Cyan (30%)

Magenta (32%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.4712, 42.5271, 42.6347 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 40.4712, 42.5271, 42.6347 by changing the saturation by 10% instead.

■ 40.4712, 42.5271,
42.6347

■ 40.4712, 42.5271,
42.6347

339.2061,
356.6633, 372.9843

■ 28.0920, 29.5142,
29.2693

■ 75.1603, 78.9967,
80.4398

■ 18.5358, 19.4702,
19.0373

■ 98.2009, 103.2223,
105.7165

■ 11.4374, 12.0105,
11.5202

125.5259,
131.9543, 135.8008

■ 6.4313, 6.7508,
6.2993

157.5008,
165.5770, 171.1112

■ 3.1522, 3.3068,
2.9562

194.4910,
204.4749, 212.0662

■ 1.2347, 1.2939,
1.0723

236.8616,

■ 0.1335, 0.1365,

249.0323, 259.0843

0.0000

284.9782,
299.6336, 312.5842

■ 0.0000, 0.0000,
0.0000

■ 40.4712, 42.5271,
42.6347

■ 40.4712, 42.5271,
42.6347

■ 37.7185, 39.4760,
34.1497

■ 43.5130, 45.7928,
52.3346

■ 35.2413, 36.6287,
26.8282

■ 46.8498, 49.2728,
63.2926

■ 33.0301, 33.9814,
20.6190

■ 50.4918, 52.9737,
75.5531

■ 31.0735, 31.5280,
15.4661

■ 54.4477, 56.9002,
89.1575

■ 29.3591, 29.2623,
11.3087

■ 58.5639, 60.9923,
103.2938

■ 27.8731, 27.1772,
8.0795

■ 60.1565, 64.1775,
103.8247

■ 26.6005, 25.2653,
5.7030

■ 61.8140, 67.4924,
104.3771

■ 25.5236, 23.5178,
4.0914

■ 63.5370, 70.9385,
104.9515

■ 24.6197, 21.9242,
3.1295

■ 65.3264, 74.5173,
105.5479

Harmonies

Analogous

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



41.1270, 42.5271, 43.1836



40.4712, 42.5271, 42.6347



39.8091, 42.5271, 43.0459

Triad

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



40.4712, 42.5271, 42.6347



39.2662, 42.5271, 48.0879



41.5463, 42.5271, 48.3449

Complementary

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



40.4712, 42.5271, 42.6347



38.5351, 40.5550, 47.9169

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.



41.0386, 42.5271, 49.7242



40.4712, 42.5271, 42.6347



39.7226, 42.5271, 49.5728

Square

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



40.4712, 42.5271, 42.6347



39.1181, 42.5271, 46.1605



40.3703, 42.5271, 50.1797



41.7520, 42.5271, 46.4494

Rectangle

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



40.4712, 42.5271, 42.6347



39.4522, 42.5271, 43.8158



40.3703, 42.5271, 50.1797



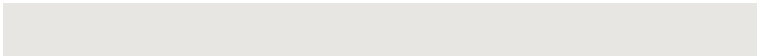
41.4050, 42.5271, 48.8863

Sweetspot

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



40.4724, 42.5290, 42.6356



75.6148, 79.5291, 84.3347



39.5332, 40.0446, 44.1911



16.7655, 17.6337, 18.7258



86.6293, 91.1408, 99.2523



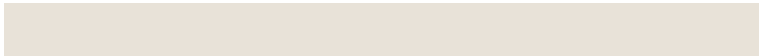
17.0014, 17.8868, 19.4787

Same Dimension

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



40.4724, 42.5290, 42.6356



72.9013, 76.5854, 75.7748



40.9213, 43.9238, 42.8812



9.0514, 9.5079, 9.3628



17.4495, 15.3976, 2.0523



0.6021, 0.5907, 0.0823

Inverse Universe

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



38.5351, 40.5550, 47.9169



68.8782, 72.4863, 86.7421



38.1032, 39.2286, 47.6836



8.5282, 8.9748, 10.7891



7.1442, 5.0887, 30.7427



0.2815, 0.2735, 0.9862

Previews

White Background



This preview shows how the XYZ color 40.4712, 42.5271, 42.6347 looks on a white background.

Color Contrast Check

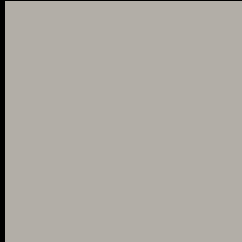
Large Text (above 18pt) WCAG AA × Fail

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 40.4712, 42.5271, 42.6347 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

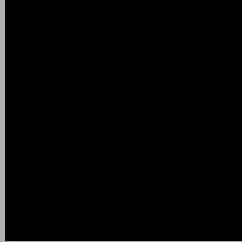
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.4712, 42.5271, 42.6347

Background



This preview shows how black text looks on a background with the XYZ color 40.4712, 42.5271, 42.6347.



This preview shows how white text looks on a background with the XYZ color 40.4712, 42.5271,

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

40.4712, 42.5271, 42.6347

Protanopia

40.7015, 42.6458, 42.6455

Deuteranopia

43.2482, 42.5405, 42.9775



Tritanopia

42.3759, 42.4524, 51.8596

Trichromacy



Original Color

40.4712, 42.5271, 42.6347

Protanomaly

40.7015, 42.6458, 42.6455

Deuteranomaly

42.3698, 42.6443, 43.0438

Tritanomaly

41.6108, 42.4227, 48.1148

Monochromacy



Original Color

40.4712, 42.5271, 42.6347

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.1659, 42.3263, 44.5809

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.4712, 42.5271, 42.6347 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(178, 174, 167)` looks like.

```
.text, #text, p{  
    color:rgb(178, 174, 167)  
}
```

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(178, 174, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 174, 167) }
```

Border

The CSS property to change the border of an element to XYZ 40.4712, 42.5271, 42.6347 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(178, 174, 167) }
```


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

```
.border{ border-color:rgb(178, 174, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 174, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 174, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 174, 167);  
box-shadow:4px 4px 4px 4px rgb(178, 174,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 40.4712, 42.5271, 42.6347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 174, 167) }
```

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

```
.background{ background-color: rgb(178,  
174, 167) }
```

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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