

Converting Colors

XYZ(41.3380, 42.4752, 41.5891)

Have a look what the booklet for
XYZ(41.3380, 42.4752, 41.5891)
contains.

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Color

**XYZ(41.3112, 42.4120,
41.6063)**

Conversions

Conversions Part 1

Format	Color
Hex	B8ACA5
RGB	184, 172, 165
RGB Percent	72%, 67%, 65%
CMY	0.2784, 0.3255, 0.3529
CMYK	0.00, 0.07, 0.10, 0.28
HSL	22°, 12%, 68%
HSV	22°, 10%, 72%
XYZ	41.3112, 42.4120, 41.6063
YIQ	174.7900, 9.3990, 0.3670

Conversions

Conversions Part 2

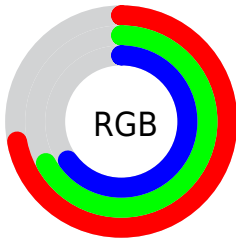
Format	Color
RYB	184, 176, 165
Decimal	12102821
CIELab	71.15, 3.08, 5.13
CIELCh	71, 5.987, 59.033
Yxy	42.4120, 0.3296, 0.3384
Android (android.graphics.Color)	4290292901 (0xFFB8ACA5)
YUV	174.7900, -4.8265, 8.0772
Hunter-Lab	65.1245, -0.7378, 7.7084

Details

The XYZ color **41.3112, 42.4120, 41.6063** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.8908, 42.9035, 51.5265**, and the grayscale version is **40.6607, 42.7782, 46.5855**.

A 20% lighter version of the original color is **76.3225, 78.6307, 78.8648**, and **19.0572, 19.4505, 18.3727** is the 20% darker color. If you saturate the color by 10%, you get **37.6405, 37.5604, 32.7060**, and if you desaturate by 10%, it is **45.4186, 47.7503, 51.8420**.

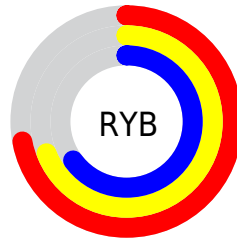
Distribution



Red (72%)

Green (67%)

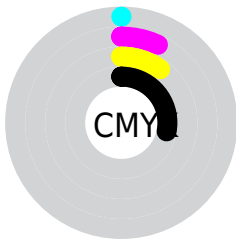
Blue (65%)



Red (72%)

Yellow (69%)

Blue (65%)

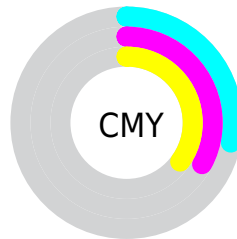


Cyan (0%)

Magenta (7%)

Yellow (10%)

Black (28%)



Cyan (28%)

Magenta (33%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.3112, 42.4120, 41.6063 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 41.3112, 42.4120, 41.6063 by changing the saturation by 10% instead.


 41.3112, 42.4120,
41.6063


 41.3112, 42.4120,
41.6063


342.6600,
356.1880, 368.5997

 28.7511, 29.4240,
28.4699


 76.4278, 78.8228,
78.8671

 19.0359, 19.4018,
18.4380


 99.7150, 103.0144,
103.8285

 11.8004, 11.9610,
11.0922


127.3086,
131.7094, 133.5687

 6.6791, 6.7171,
6.0140

159.5739,
165.2920, 168.5061

 3.3068, 3.2858,
2.7846

196.8764,
204.1469, 209.0594

 1.3180, 1.2827,
0.9858

239.5813,

 0.1966, 0.1278,

248.6582, 255.6471

0.0000

288.0541,
299.2104, 308.6877

■ 0.0000, 0.0000,
0.0000

■ 41.3112, 42.4120,
41.6063

■ 41.3112, 42.4120,
41.6063

■ 37.6405, 37.5604,
32.7060

■ 45.4186, 47.7503,
51.8420

■ 34.3878, 33.1761,
25.0827

■ 49.9734, 53.5832,
63.4626

■ 31.5382, 29.2463,
18.6780

■ 54.9907, 59.9252,
76.5185

■ 29.0744, 25.7554,
13.4274

■ 60.4834, 66.7887,
91.0568

■ 26.9778, 22.6871,
9.2607

■ 66.1401, 74.0560,
105.4160

■ 25.2281, 20.0239,
6.0998

■ 69.4835, 80.7428,
106.5305

■ 23.8027, 17.7467,
3.8561

■ 73.0465, 87.8688,
107.7181

■ 22.6754, 15.8345,
2.4250

■ 73.5773, 88.9304,
107.8951

■ 21.8238, 14.3033,
1.6106

Harmonies

Analogous

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



42.0201, 42.4120, 43.5521



41.3112, 42.4120, 41.6063



40.3439, 42.4120, 40.8774

Triad

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



41.3112, 42.4120, 41.6063



38.4148, 42.4120, 46.0864



41.2540, 42.4120, 51.1757

Complementary

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



41.3112, 42.4120, 41.6063



39.8908, 42.9035, 51.5265

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.



40.2788, 42.4120, 51.9212



41.3112, 42.4120, 41.6063



38.6495, 42.4120, 48.9104

Square

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



41.3112, 42.4120, 41.6063



38.6812, 42.4120, 43.3971



39.3277, 42.4120, 51.0760



41.9867, 42.4120, 49.0783

Rectangle

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



41.3112, 42.4120, 41.6063



39.6861, 42.4120, 41.1555



39.3277, 42.4120, 51.0760



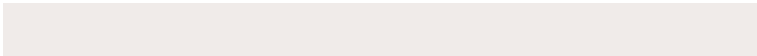
40.9431, 42.4120, 51.5965

Sweetspot

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



41.3124, 42.4139, 41.6072



80.2254, 83.8361, 88.6772



41.1619, 40.2768, 47.2176



17.1634, 17.9028, 18.7875



88.6918, 93.3107, 101.6153



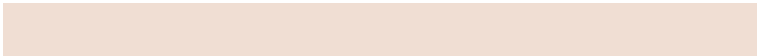
17.8044, 18.7317, 20.3988

Same Dimension

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



41.3124, 42.4139, 41.6072



73.5821, 75.1705, 72.2171



43.1781, 46.1453, 42.2291



9.2685, 9.5399, 9.4598



15.1032, 9.9827, 1.1308



0.5925, 0.4720, 0.0599

Inverse Universe

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



39.8908, 42.9035, 51.5265



70.5756, 76.2055, 93.1940



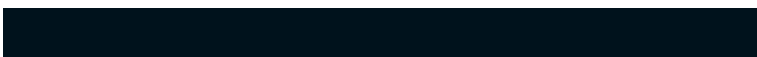
38.0860, 39.2939, 50.9249



8.9809, 9.6390, 11.4666



10.3504, 11.1605, 32.8617



0.4218, 0.5074, 1.1774

Previews

White Background



This preview shows how the XYZ color 41.3112, 42.4120, 41.6063 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 41.3112, 42.4120, 41.6063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

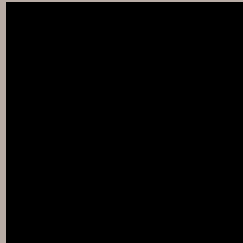
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.3112, 42.4120, 41.6063

Background



This preview shows how black text looks on a background with the XYZ color 41.3112, 42.4120, 41.6063.



This preview shows how white text looks on a background with the XYZ color 41.3112, 42.4120,

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

41.3112, 42.4120, 41.6063

Protanopia

40.6094, 42.6090, 42.1604

Deuteranopia

43.1337, 42.2278, 41.9538



Tritanopia

42.9849, 42.2339, 50.6862

Trichromacy



Original Color

41.3112, 42.4120, 41.6063

Protanomaly

40.8826, 42.4641, 42.1180

Deuteranomaly

42.3061, 42.0763, 41.9682

Tritanomaly

42.2188, 42.1983, 46.9942

Monochromacy



Original Color

41.3112, 42.4120, 41.6063

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.8468, 42.6774, 44.6128

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3112, 42.4120, 41.6063 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, 172, 165) looks like.

```
.text, #text, p{  
    color:rgb(184, 172, 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, 172, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 172, 165) }
```

Border

The CSS property to change the border of an element to XYZ 41.3112, 42.4120, 41.6063 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, 172, 165) }
```


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

```
.border{ border-color:rgb(184, 172, 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, 172, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 172, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 172, 165);  
box-shadow:4px 4px 4px 4px rgb(184, 172,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3112, 42.4120, 41.6063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 172, 165) }
```

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

```
.background{ background-color: rgb(184,  
172, 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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