

Converting Colors

XYZ(41.2031, 41.5494, 40.0306)

Have a look what the booklet for
XYZ(41.2031, 41.5494, 40.0306)
contains.

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Color

**XYZ(41.2031, 41.5494,
40.0306)**

Conversions

Conversions Part 1

Format	Color
Hex	BBA9A2
RGB	187, 169, 162
RGB Percent	73%, 66%, 64%
CMY	0.2667, 0.3372, 0.3647
CMYK	0.00, 0.10, 0.13, 0.27
HSL	17°, 16%, 68%
HSV	17°, 13%, 73%
XYZ	41.2031, 41.5494, 40.0306
YIQ	173.5840, 12.9750, 1.6390

Conversions

Conversions Part 2

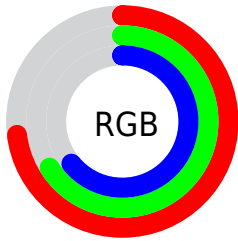
Format	Color
RYB	187, 172, 162
Decimal	12298658
CIELab	70.56, 5.31, 5.96
CIELCh	71, 7.988, 48.296
Yxy	41.5494, 0.3356, 0.3384
Android (android.graphics.Color)	4290488738 (0xFFBBA9A2)
YUV	173.5840, -5.7109, 11.7658
Hunter-Lab	64.4588, 1.2971, 8.3006

Details

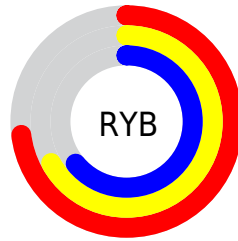
The XYZ color **41.2031, 41.5494, 40.0306** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.1910, 43.9108, 53.3715**, and the grayscale version is **40.0434, 42.1288, 45.8783**.

A 20% lighter version of the original color is **76.1422, 77.3757, 76.5675**, and **19.0073, 18.9167, 17.4013** is the 20% darker color. If you saturate the color by 10%, you get **37.2865, 36.1811, 31.1248**, and if you desaturate by 10%, it is **45.6271, 47.5360, 50.3261**.

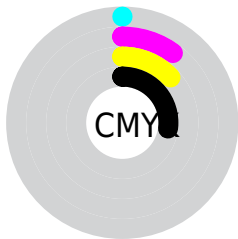
Distribution



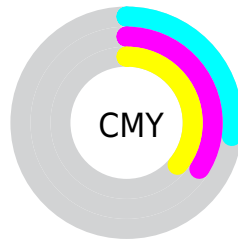
- Red (73%)
- Green (66%)
- Blue (64%)



- Red (73%)
- Yellow (67%)
- Blue (64%)



- Cyan (0%)
- Magenta (10%)
- Yellow (13%)
- Black (27%)





- Cyan (27%)
- Magenta (34%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.2031, 41.5494, 40.0306 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 41.2031, 41.5494, 40.0306 by changing the saturation by 10% instead.


 41.2031, 41.5494,
40.0306


 41.2031, 41.5494,
40.0306


342.2169,
352.6116, 361.8085

 28.6662, 28.7486,
27.2484


 76.2649, 77.5172,
76.4477

 18.9715, 18.8907,
17.5258


 99.5204, 101.4530,
100.9197

 11.7535, 11.5914,
10.4442


127.0796,
129.8693, 130.1254

 6.6471, 6.4661,
5.5850

159.3077,
163.1505, 164.4834

 3.2867, 3.1305,
2.5297

196.5702,
201.6809, 204.4122

 1.3072, 1.2002,
0.8559

239.2323,

 0.1886, 0.0619,

245.8449, 250.3302

0.0000

287.6594,
296.0271, 302.6561

■ 0.0000, 0.0000,
0.0000

■ 41.2031, 41.5494,
40.0306

■ 41.2031, 41.5494,
40.0306

■ 37.2865, 36.1811,
31.1248

■ 45.6271, 47.5360,
50.3261

■ 33.8551, 31.4058,
23.5462

■ 50.5728, 54.1542,
62.0648

■ 30.8904, 27.2042,
17.2315

■ 56.0579, 61.4241,
75.3008

■ 28.3711, 23.5541,
12.1110

■ 62.0985, 69.3631,
90.0843

■ 26.2742, 20.4318,
8.1083

■ 68.6290, 77.9554,
106.0375

■ 24.5743, 17.8118,
5.1379

■ 72.6588, 86.0151,
107.3808

■ 23.2432, 15.6660,
3.1021

■ 74.3037, 89.3049,
107.9291

■ 22.2481, 13.9635,
1.8834

■ 21.7390, 13.0556,
1.3742

Harmonies

Analogous

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



41.9490, 41.5494, 42.9979



41.2031, 41.5494, 40.0306



40.0082, 41.5494, 38.4932

Triad

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



41.2031, 41.5494, 40.0306



37.0594, 41.5494, 43.7825



40.2931, 41.5494, 52.4938

Complementary

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



41.2031, 41.5494, 40.0306



40.1910, 43.9108, 53.3715

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.



38.9791, 41.5494, 52.7329



41.2031, 41.5494, 40.0306



37.1318, 41.5494, 47.5592

Square

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



41.2031, 41.5494, 40.0306



37.6278, 41.5494, 40.5774



37.8279, 41.5494, 50.8833



41.4156, 41.5494, 50.2472

Rectangle

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



41.2031, 41.5494, 40.0306



39.1266, 41.5494, 38.4259



37.8279, 41.5494, 50.8833



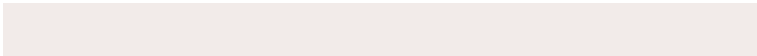
39.8586, 41.5494, 52.8160

Sweetspot

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



41.2042, 41.5512, 40.0315



81.1360, 84.3536, 88.7672



41.6866, 39.7149, 48.8274



17.7293, 18.3899, 19.2237



90.7827, 95.5105, 104.0109



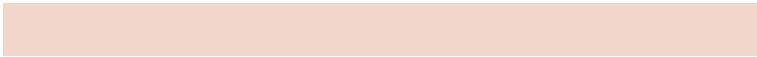
18.6292, 19.5994, 21.3438

Same Dimension

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



41.2042, 41.5512, 40.0315



71.6766, 71.5264, 66.8348



43.5734, 46.2895, 40.8212



9.7419, 9.9599, 9.9856



15.0318, 9.1023, 0.9647



0.6461, 0.4712, 0.0569

Inverse Universe

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



40.1910, 43.9108, 53.3715



69.5125, 76.5626, 95.3158



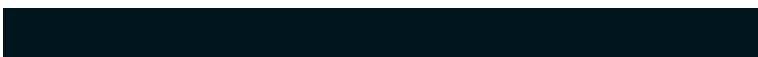
37.8424, 39.2136, 52.5886



9.5765, 10.3454, 12.1643



12.1760, 14.4638, 34.5429



0.5295, 0.6717, 1.3706

Previews

White Background



This preview shows how the XYZ color 41.2031, 41.5494, 40.0306 looks on a white background.

Color Contrast Check

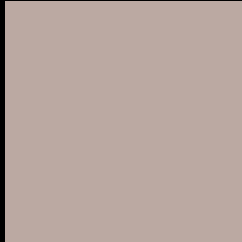
Large Text (above 18pt) WCAG AA × Fail

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 41.2031, 41.5494, 40.0306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

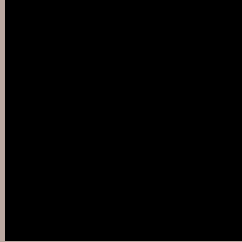
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.2031, 41.5494, 40.0306

Background



This preview shows how black text looks on a background with the XYZ color 41.2031, 41.5494, 40.0306.



This preview shows how white text looks on a background with the XYZ color 41.2031, 41.5494,

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

41.2031, 41.5494, 40.0306

Protanopia

39.8135, 41.6504, 41.0629

Deuteranopia

42.3326, 41.5835, 39.9777



Tritanopia

42.7592, 41.3459, 48.3747

Trichromacy



Original Color

41.2031, 41.5494, 40.0306

Protanomaly

40.2298, 41.5939, 40.5584

Deuteranomaly

42.0101, 41.6903, 40.0153

Tritanomaly

42.1006, 41.3459, 45.2968

Monochromacy



Original Color

41.2031, 41.5494, 40.0306

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.5986, 41.9910, 43.9955

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2031, 41.5494, 40.0306 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(187, 169, 162)` looks like.

```
.text, #text, p{  
    color:rgb(187, 169, 162)  
}
```

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(187, 169, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 169, 162) }
```

Border

The CSS property to change the border of an element to XYZ 41.2031, 41.5494, 40.0306 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(187, 169, 162) }
```


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

```
.border{ border-color:rgb(187, 169, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 169, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 169, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 169, 162);  
box-shadow:4px 4px 4px 4px rgb(187, 169,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2031, 41.5494, 40.0306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 169, 162) }
```

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

```
.background{ background-color: rgb(187,  
169, 162) }
```

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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