

Converting Colors

XYZ(41.8487, 41.5968, 40.4736)

Have a look what the booklet for
XYZ(41.8487, 41.5968, 40.4736)
contains.

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Color

**XYZ(41.8487, 41.5968,
40.4736)**

Conversions

Conversions Part 1

Format	Color
Hex	BEA8A3
RGB	190, 168, 163
RGB Percent	75%, 66%, 64%
CMY	0.2549, 0.3412, 0.3608
CMYK	0.00, 0.12, 0.14, 0.25
HSL	11°, 17%, 69%
HSV	11°, 14%, 75%
XYZ	41.8487, 41.5968, 40.4736
YIQ	174.0080, 14.7170, 3.1090

Conversions

Conversions Part 2

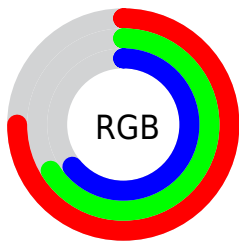
Format	Color
R_{YB}	190, 169, 163
Decimal	12495011
CIE Lab	70.59, 7.14, 5.49
CIE LCh	71, 9.008, 37.582
Yxy	41.5968, 0.3377, 0.3357
Android (android.graphics.Color)	4290685091 (0xFFBEA8A3)
YUV	174.0080, -5.4269, 14.0250
Hunter-Lab	64.4956, 2.9545, 7.9400

Details

The XYZ color **41.8487, 41.5968, 40.4736** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.7472, 46.2010, 55.4330**, and the grayscale version is **40.2589, 42.3555, 46.1251**.

A 20% lighter version of the original color is **77.0486, 77.4301, 77.2143**, and **19.2680, 18.8727, 17.6662** is the 20% darker color. If you saturate the color by 10%, you get **37.5833, 35.5885, 31.2744**, and if you desaturate by 10%, it is **46.7124, 48.3915, 51.1351**.

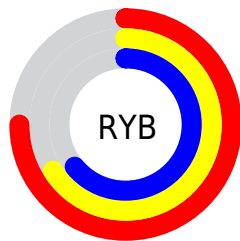
Distribution



Red (75%)

Green (66%)

Blue (64%)



Red (75%)

Yellow (66%)

Blue (64%)

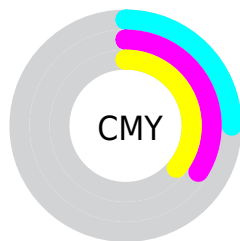


Cyan (0%)

Magenta (12%)

Yellow (14%)

Black (25%)



Cyan (25%)


Magenta (34%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.8487, 41.5968, 40.4736 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 41.8487, 41.5968, 40.4736 by changing the saturation by 10% instead.


 41.8487, 41.5968,
40.4736


 41.8487, 41.5968,
40.4736


344.8577,
352.8088, 363.7270

 29.1734, 28.7857,
27.5914


 77.2372, 77.5890,
77.1291

 19.3570, 18.9188,
17.7815


 100.6811,
101.5390, 101.7395

 12.0341, 11.6116,
10.6254


128.4453,
129.9706, 131.0964

 6.8392, 6.4798,
5.7046

160.8951,
163.2684, 165.6183

 3.4072, 3.1390,
2.6004

198.3959,
201.8167, 205.7238

 1.3726, 1.2047,
0.8927

241.3130,

 0.2366, 0.0655,

246.0000, 251.8314

0.0000

290.0118,
296.2025, 304.3596

■ 0.0000, 0.0000,
0.0000

■ 41.8487, 41.5968,
40.4736

■ 41.8487, 41.5968,
40.4736

■ 37.5833, 35.5885,
31.2744

■ 46.7124, 48.3915,
51.1351

■ 33.8894, 30.3326,
23.4710

■ 52.1929, 55.9940,
63.3162

■ 30.7436, 25.8011,
16.9957

■ 58.3123, 64.4315,
77.0742

■ 28.1189, 21.9618,
11.7740

■ 65.0902, 73.7286,
92.4629

■ 25.9866, 18.7803,
7.7243

■ 72.0587, 83.7139,
106.9682

■ 24.3148, 16.2190,
4.7549

■ 75.0454, 89.6872,
107.9638

■ 23.0674, 14.2364,
2.7605

■ 22.2029, 12.7857,
1.6143

■ 21.8426, 12.1618,
1.1962

Harmonies

Analogous

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



42.4425, 41.5968, 44.2188



41.8487, 41.5968, 40.4736



40.6383, 41.5968, 38.1281

Triad

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



41.8487, 41.5968, 40.4736



36.9489, 41.5968, 42.2368



39.9154, 41.5968, 53.9140

Complementary

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



41.8487, 41.5968, 40.4736



41.7472, 46.2010, 55.4330

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.



38.4549, 41.5968, 53.3010



41.8487, 41.5968, 40.4736



36.7663, 41.5968, 46.3821

Square

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



41.8487, 41.5968, 40.4736



37.8162, 41.5968, 39.1007



37.3111, 41.5968, 50.4781



41.3082, 41.5968, 52.1043

Rectangle

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



41.8487, 41.5968, 40.4736



39.6574, 41.5968, 37.5849



37.3111, 41.5968, 50.4781



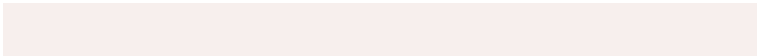
39.4159, 41.5968, 53.9864

Sweetspot

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



41.8498, 41.5987, 40.4745



84.7855, 87.8817, 92.9647



43.0951, 40.6469, 51.5013



18.4618, 19.0803, 20.0691



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



41.8498, 41.5987, 40.4745



73.3548, 71.8956, 67.9590



44.4620, 46.8230, 41.3452



9.6694, 9.8148, 9.9614



14.5670, 8.1727, 0.8097



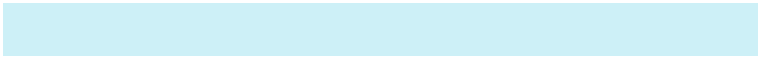
0.6147, 0.4082, 0.0464

Inverse Universe

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



41.7472, 46.2010, 55.4330



73.1323, 81.8187, 100.2172



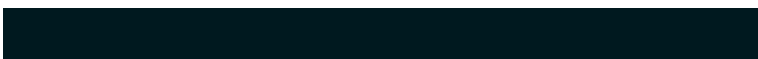
39.0660, 40.8388, 54.5392



9.6542, 10.5007, 12.1902



14.0041, 18.1200, 35.1523



0.5882, 0.7891, 1.3902

Previews

White Background



This preview shows how the XYZ color 41.8487, 41.5968, 40.4736 looks on a white background.

Color Contrast Check

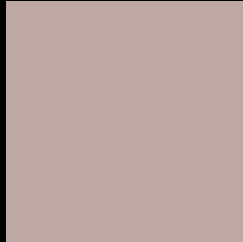
Large Text (above 18pt) WCAG AA × Fail

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 41.8487, 41.5968, 40.4736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

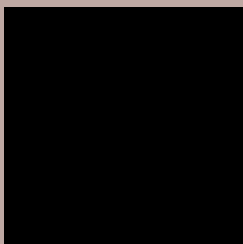
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

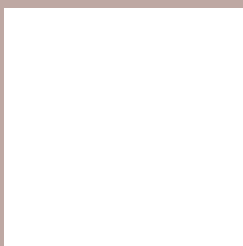
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.8487, 41.5968, 40.4736

Background



This preview shows how black text looks on a background with the XYZ color 41.8487, 41.5968, 40.4736.



This preview shows how white text looks on a background with the XYZ color 41.8487, 41.5968,

40.4736.

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

41.8487, 41.5968, 40.4736

Protanopia

39.9042, 41.6866, 41.5405

Deuteranopia

42.4219, 41.6192, 40.4478



Tritanopia

43.5111, 41.7336, 48.4099

Trichromacy



Original Color

41.8487, 41.5968, 40.4736

Protanomaly

40.5552, 41.7512, 41.0433

Deuteranomaly

42.1678, 41.4882, 40.4359

Tritanomaly

42.8474, 41.7309, 45.3317

Monochromacy



Original Color

41.8487, 41.5968, 40.4736

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.8306, 42.1106, 44.0064

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8487, 41.5968, 40.4736 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(190, 168, 163)` looks like.

```
.text, #text, p{  
    color:rgb(190, 168, 163)  
}
```

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(190, 168, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 168, 163) }
```

Border

The CSS property to change the border of an element to XYZ 41.8487, 41.5968, 40.4736 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(190, 168, 163) }
```


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

```
.border{ border-color:rgb(190, 168, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 168, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 168, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 168, 163);  
box-shadow:4px 4px 4px 4px rgb(190, 168,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8487, 41.5968, 40.4736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 168, 163) }
```

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

```
.background{ background-color: rgb(190,  
168, 163) }
```

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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