

Converting Colors

XYZ(41.5985, 41.2484, 42.3293)

Have a look what the booklet for
XYZ(41.5985, 41.2484, 42.3293)
contains.

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Color

**XYZ(41.5328, 41.1188,
42.3069)**

Conversions

Conversions Part 1

Format	Color
Hex	BCA7A7
RGB	188, 167, 167
RGB Percent	74%, 65%, 65%
CMY	0.2627, 0.3451, 0.3451
CMYK	0.00, 0.11, 0.11, 0.26
HSL	0°, 14%, 70%
HSV	0°, 11%, 74%
XYZ	41.5328, 41.1188, 42.3069
YIQ	173.2790, 12.5160, 4.4520

Conversions

Conversions Part 2

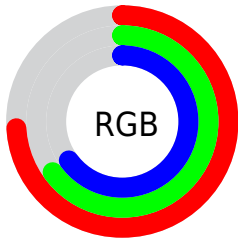
Format	Color
RYB	188, 167, 167
Decimal	12363687
CIELab	70.26, 7.61, 2.78
CIElCh	70, 8.106, 20.061
Yxy	41.1188, 0.3324, 0.3291
Android (android.graphics.Color)	4290553767 (0xFFBCA7A7)
YUV	173.2790, -3.0955, 12.9103
Hunter-Lab	64.1239, 3.3968, 5.7691

Details

The XYZ color **41.5328, 41.1188, 42.3069** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.9965, 47.8119, 54.5399**, and the grayscale version is **39.8746, 41.9512, 45.6849**.

A 20% lighter version of the original color is **76.6143, 76.7496, 79.8834**, and **19.2169, 18.6502, 18.8067** is the 20% darker color. If you saturate the color by 10%, you get **36.7229, 34.0809, 32.7433**, and if you desaturate by 10%, it is **47.0982, 49.2625, 53.3699**.

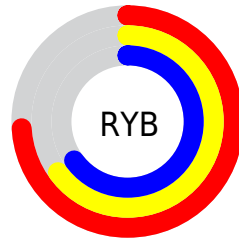
Distribution



Red (74%)

Green (65%)

Blue (65%)



Red (74%)

Yellow (65%)

Blue (65%)

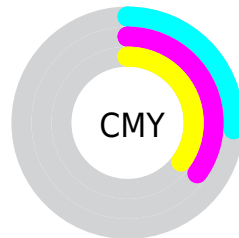


Cyan (0%)

Magenta (11%)

Yellow (11%)

Black (26%)



Cyan (26%)


Magenta (35%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.5328, 41.1188, 42.3069 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 41.5328, 41.1188, 42.3069 by changing the saturation by 10% instead.


 41.5328, 41.1188,
42.3069


 41.5328, 41.1188,
42.3069


343.5672,
350.8169, 371.5907

 28.9251, 28.4119,
29.0143

 76.7617, 76.8642,
79.9390

 19.1682, 18.6364,
18.8460


 100.1136,
100.6715, 105.1156

 11.8966, 11.4079,
11.3834


127.7776,
128.9478, 135.0906

 6.7450, 6.3419,
6.2079

160.1191,
162.0774, 170.2825

 3.3481, 3.0541,
2.9011

197.5035,
200.4447, 211.1100

 1.3404, 1.1600,
1.0443

240.2961,

 0.2131, 0.0287,

244.4341, 257.9915

0.0000

288.8622,
294.4300, 311.3455

■ 0.0000, 0.0000,
0.0000

■ 41.5328, 41.1188,
42.3069

■ 41.5328, 41.1188,
42.3069

■ 36.7229, 34.0809,
32.7433

■ 47.0982, 49.2625,
53.3699

■ 32.6328, 28.0960,
24.6120

■ 53.4461, 58.5509,
65.9902

■ 29.2289, 23.1151,
17.8451

■ 60.6063, 69.0280,
80.2256

■ 26.4736, 19.0832,
12.3677

■ 68.6061, 80.7335,
96.1304

■ 24.3257, 15.9401,
8.0981

■ 74.5492, 89.4315,
107.9406

■ 22.7393, 13.6187,
4.9450

■ 21.6622, 12.0424,
2.8042

■ 21.0321, 11.1202,
1.5520

■ 20.7396, 10.6921,
0.9707

Harmonies

Analogous

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



41.6545, 41.1188, 46.0469



41.5328, 41.1188, 42.3069



40.7463, 41.1188, 39.3897

Triad

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



41.5328, 41.1188, 42.3069



37.1549, 41.1188, 40.2342



38.6426, 41.1188, 52.3763

Complementary

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



41.5328, 41.1188, 42.3069



42.9965, 47.8119, 54.5399

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.



37.4640, 41.1188, 50.6222



41.5328, 41.1188, 42.3069



36.6180, 41.1188, 43.5196

Square

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



41.5328, 41.1188, 42.3069



38.2119, 41.1188, 38.2409



36.7299, 41.1188, 47.3298



39.9656, 41.1188, 52.0060

Rectangle

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



41.5328, 41.1188, 42.3069



39.9604, 41.1188, 38.2361



36.7299, 41.1188, 47.3298



38.2169, 41.1188, 52.0119

Sweetspot

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



41.5339, 41.1206, 42.3078



83.3560, 86.3511, 92.7446



43.6354, 41.9602, 53.3767



17.7437, 18.3036, 19.5832



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.



41.5339, 41.1206, 42.3078



73.3831, 71.7584, 72.9179



43.5357, 45.1241, 42.9750



9.5303, 9.5366, 9.9151



14.1205, 7.2798, 0.6609



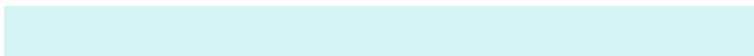
0.5532, 0.2852, 0.0259

Inverse Universe

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



42.9965, 47.8119, 54.5399



76.4749, 85.9037, 98.7766



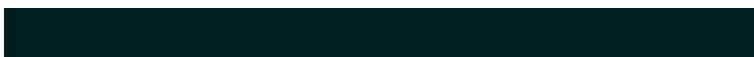
40.8351, 43.4891, 53.8194



9.8085, 10.8093, 12.2416



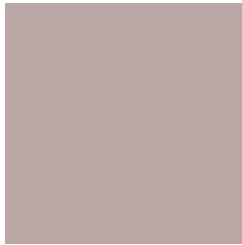
18.4198, 26.9513, 36.6242



0.7216, 1.0558, 1.4346

Previews

White Background



This preview shows how the XYZ color 41.5328, 41.1188, 42.3069 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 41.5328, 41.1188, 42.3069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

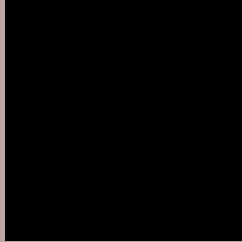
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.5328, 41.1188, 42.3069

Background



This preview shows how black text looks on a background with the XYZ color 41.5328, 41.1188, 42.3069.



This preview shows how white text looks on a background with the XYZ color 41.5328, 41.1188,

42.3069.

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

41.5328, 41.1188, 42.3069

Protanopia

39.4035, 41.1044, 43.3933

Deuteranopia

41.8465, 41.0096, 42.2693



Tritanopia

42.7262, 41.0718, 47.7952

Trichromacy



Original Color

41.5328, 41.1188, 42.3069

Protanomaly

40.2650, 41.2799, 42.8914

Deuteranomaly

41.5975, 40.8813, 42.2577

Tritanomaly

42.2625, 41.1472, 45.7591

Monochromacy



Original Color

41.5328, 41.1188, 42.3069

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.2737, 41.5311, 44.4217

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5328, 41.1188, 42.3069 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(188, 167, 167)` looks like.

```
.text, #text, p{  
    color:rgb(188, 167, 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(188, 167, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 167, 167) }
```

Border

The CSS property to change the border of an element to XYZ 41.5328, 41.1188, 42.3069 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(188, 167, 167) }
```


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

```
.border{ border-color:rgb(188, 167, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 167, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 167, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 167, 167);  
box-shadow:4px 4px 4px 4px rgb(188, 167,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5328, 41.1188, 42.3069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 167, 167) }
```

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

```
.background{ background-color: rgb(188,  
167, 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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