

Converting Colors

XYZ(40.5605, 39.8323, 41.1479)

Have a look what the booklet for
XYZ(40.5605, 39.8323, 41.1479)
contains.

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Color

**XYZ(40.5605, 39.8323,
41.1479)**

Conversions

Conversions Part 1

Format	Color
Hex	BBA4A5
RGB	187, 164, 165
RGB Percent	73%, 64%, 65%
CMY	0.2667, 0.3568, 0.3529
CMYK	0.00, 0.12, 0.12, 0.27
HSL	357°, 14%, 69%
HSV	357°, 12%, 73%
XYZ	40.5605, 39.8323, 41.1479
YIQ	170.9910, 13.3870, 5.1870

Conversions

Conversions Part 2

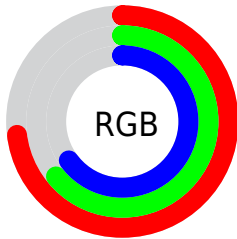
Format	Color
R_{YB}	187, 164, 165
Decimal	12297381
CIE Lab	69.35, 8.55, 2.56
CIE LCh	69, 8.923, 16.659
Yxy	39.8323, 0.3337, 0.3277
Android (android.graphics.Color)	4290487461 (0xFFBBA4A5)
YUV	170.9910, -2.9536, 14.0399
Hunter-Lab	63.1128, 4.2685, 5.5235

Details

The XYZ color **40.5605, 39.8323, 41.1479** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.9446, 46.9793, 53.3139**, and the grayscale version is **38.7147, 40.7309, 44.3559**.

A 20% lighter version of the original color is **75.2119, 74.8850, 78.2003**, and **18.6063, 17.8489, 18.0873** is the 20% darker color. If you saturate the color by 10%, you get **35.9409, 33.0189, 32.1286**, and if you desaturate by 10%, it is **45.9022, 47.7245, 51.5326**.

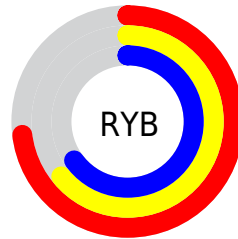
Distribution



Red (73%)

Green (64%)

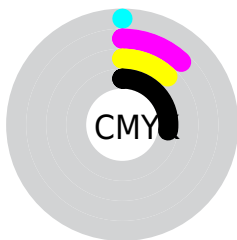
Blue (65%)



Red (73%)

Yellow (64%)

Blue (65%)

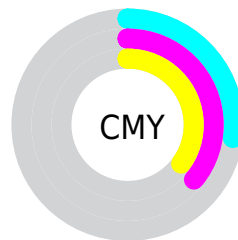


Cyan (0%)

Magenta (12%)

Yellow (12%)

Black (27%)



Cyan (27%)


Magenta (36%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.5605, 39.8323, 41.1479 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 40.5605, 39.8323, 41.1479 by changing the saturation by 10% instead.


 40.5605, 39.8323,
41.1479


 40.5605, 39.8323,
41.1479


339.5744,
345.4162, 366.6333

 28.1620, 27.4078,
28.1141


 75.2952, 74.9081,
78.1645

 18.5889, 17.8797,
18.1719


 98.3621, 98.3282,
102.9843

 11.4758, 10.8637,
10.9028

125.7158,
126.1822, 132.5699

 6.4575, 5.9752,
5.8881

157.7217,
158.8547, 167.3398

 3.1685, 2.8300,
2.7095

194.7452,
196.7299, 207.7126

 1.2435, 1.0437,
0.9482

237.1516,

 0.1403, 0.0000,

240.1923, 254.1067

0.0000

285.3062,
289.6263, 306.9408

■ 0.0000, 0.0000,
0.0000

■ 40.5605, 39.8323,
41.1479

■ 40.5605, 39.8323,
41.1479

■ 35.9409, 33.0189,
32.1286

■ 45.9022, 47.7245,
51.5326

■ 32.0093, 27.2325,
24.4156

■ 51.9916, 56.7338,
63.3335

■ 28.7338, 22.4249,
17.9490

■ 58.8572, 66.9034,
76.6018

■ 26.0786, 18.5419,
12.6634

■ 66.5249, 78.2724,
91.3857

■ 24.0046, 15.5242,
8.4875

■ 74.2152, 89.2695,
107.4628

■ 22.4682, 13.3055,
5.3422

■ 74.3037, 89.3049,
107.9291

■ 21.4196, 11.8101,
3.1380

■ 20.7999, 10.9474,
1.7700

■ 20.5381, 10.5827,
1.1929

Harmonies

Analogous

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



40.6037, 39.8323, 45.2168



40.5605, 39.8323, 41.1479



39.7819, 39.8323, 37.8818

Triad

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



40.5605, 39.8323, 41.1479



35.8910, 39.8323, 38.1777



37.2273, 39.8323, 51.5094

Complementary

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



40.5605, 39.8323, 41.1479



41.9446, 46.9793, 53.3139

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.



35.9999, 39.8323, 49.3655



40.5605, 39.8323, 41.1479



35.2416, 39.8323, 41.5754

Square

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



40.5605, 39.8323, 41.1479



37.0751, 39.8323, 36.2425



35.2810, 39.8323, 45.6719



38.6547, 39.8323, 51.3769

Rectangle

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



40.5605, 39.8323, 41.1479



38.9614, 39.8323, 36.5223



35.2810, 39.8323, 45.6719



36.7783, 39.8323, 51.0256

Sweetspot

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



40.5616, 39.8341, 41.1487



80.4234, 82.8326, 88.8253



42.4595, 40.5609, 52.6054



17.5447, 17.9960, 19.2386



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.



40.5616, 39.8341, 41.1487



70.0762, 67.5509, 68.6895



42.3993, 43.6540, 41.3155



9.5465, 9.5429, 10.0008



14.1578, 7.2943, 0.8585



0.5604, 0.2880, 0.0641

Inverse Universe

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



40.5616, 39.8341, 41.1487



70.0762, 67.5509, 68.6895



39.9341, 42.7880, 53.1684



9.5465, 9.5429, 10.0008



14.1578, 7.2943, 0.8585



0.5604, 0.2880, 0.0641

Previews

White Background



This preview shows how the XYZ color 40.5605, 39.8323, 41.1479 looks on a white background.

Color Contrast Check

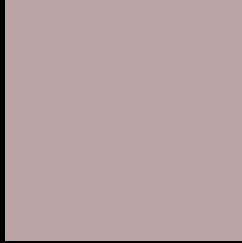
Large Text (above 18pt) WCAG AA × Fail

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 40.5605, 39.8323, 41.1479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

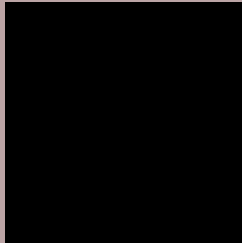
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.5605, 39.8323, 41.1479

Background



This preview shows how black text looks on a background with the XYZ color 40.5605, 39.8323, 41.1479.



This preview shows how white text looks on a background with the XYZ color 40.5605, 39.8323,

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

40.5605, 39.8323, 41.1479

Protanopia

38.4894, 40.0873, 42.7548

Deuteranopia

40.5605, 39.8323, 41.1479



Tritanopia

41.3972, 39.6272, 46.0244

Trichromacy



Original Color

40.5605, 39.8323, 41.1479

Protanomaly

39.1539, 39.8924, 42.1956

Deuteranomaly

40.5605, 39.8323, 41.1479

Tritanomaly

41.1869, 39.8260, 44.0445

Monochromacy



Original Color

40.5605, 39.8323, 41.1479

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.2955, 40.2169, 43.2277

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.5605, 39.8323, 41.1479 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, 164, 165)` looks like.

```
.text, #text, p{  
    color:rgb(187, 164, 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(187, 164, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 164, 165) }
```

Border

The CSS property to change the border of an element to XYZ 40.5605, 39.8323, 41.1479 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, 164, 165) }
```


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

```
.border{ border-color:rgb(187, 164, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 164, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 164, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 164, 165);  
box-shadow:4px 4px 4px 4px rgb(187, 164,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 40.5605, 39.8323, 41.1479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 164, 165) }
```

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

```
.background{ background-color: rgb(187,  
164, 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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