

Converting Colors

XYZ(41.1619, 41.4138, 41.0939)

Have a look what the booklet for
XYZ(41.1619, 41.4138, 41.0939)
contains.

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Color

**XYZ(41.1385, 41.4954,
40.9631)**

Conversions

Conversions Part 1

Format	Color
Hex	BAA9A4
RGB	186, 169, 164
RGB Percent	73%, 66%, 64%
CMY	0.2706, 0.3372, 0.3569
CMYK	0.00, 0.09, 0.12, 0.27
HSL	14°, 14%, 69%
HSV	14°, 12%, 73%
XYZ	41.1385, 41.4954, 40.9631
YIQ	173.5130, 11.7370, 2.0490

Conversions

Conversions Part 2

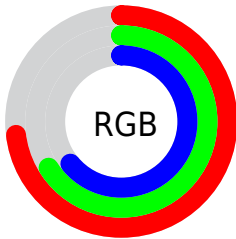
Format	Color
R_{YB}	186, 170, 164
Decimal	12233124
CIE Lab	70.52, 5.28, 4.80
CIE LCh	71, 7.131, 42.254
Yxy	41.4954, 0.3328, 0.3357
Android (android.graphics.Color)	4290423204 (0xFFBAA9A4)
YUV	173.5130, -4.6899, 10.9511
Hunter-Lab	64.4169, 1.2656, 7.3890

Details

The XYZ color **41.1385, 41.4954, 40.9631** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.6964, 44.4844, 52.8962**, and the grayscale version is **40.0025, 42.0857, 45.8313**.

A 20% lighter version of the original color is **76.0598, 77.3030, 77.9300**, and **18.9588, 18.8790, 17.9740** is the 20% darker color. If you saturate the color by 10%, you get **37.0524, 35.8173, 31.9111**, and if you desaturate by 10%, it is **45.7665, 47.8631, 51.4088**.

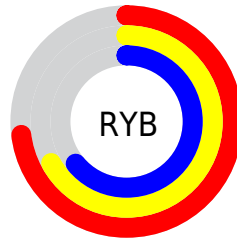
Distribution



Red (73%)

Green (66%)

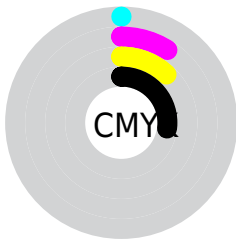
Blue (64%)



Red (73%)

Yellow (67%)

Blue (64%)

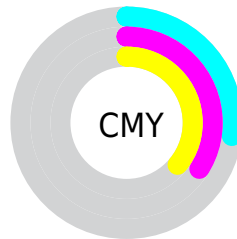


Cyan (0%)

Magenta (9%)

Yellow (12%)

Black (27%)



Cyan (27%)


Magenta (34%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.1385, 41.4954, 40.9631 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 41.1385, 41.4954, 40.9631 by changing the saturation by 10% instead.


 41.1385, 41.4954,
40.9631


 41.1385, 41.4954,
40.9631


341.9518,
352.3869, 365.8384

 28.6155, 28.7064,
27.9708


 76.1675, 77.4354,
77.8809

 18.9329, 18.8588,
18.0648


 99.4041, 101.3551,
102.6435

 11.7256, 11.5683,
10.8266


126.9427,
129.7539, 132.1666

 6.6279, 6.4505,
5.8376

159.1486,
163.0160, 166.8687

 3.2748, 3.1209,
2.6794

196.3870,
201.5260, 207.1684

 1.3007, 1.1952,
0.9330

239.0235,

 0.1837, 0.0577,

245.6683, 253.4843

0.0000

287.4233,
295.8271, 306.2348

■ 0.0000, 0.0000,
0.0000

■ 41.1385, 41.4954,
40.9631

■ 41.1385, 41.4954,
40.9631

■ 37.0524, 35.8173,
31.9111

■ 45.7665, 47.8631,
51.4088

■ 33.4846, 30.8001,
24.1909

■ 50.9518, 54.9370,
63.3010

■ 30.4148, 26.4212,
17.7403

■ 56.7138, 62.7399,
76.6932

■ 27.8204, 22.6545,
12.4905

■ 63.0696, 71.2920,
91.6351

■ 25.6763, 19.4724,
8.3666

■ 69.7118, 80.4830,
106.4683

■ 23.9557, 16.8446,
5.2851

■ 74.0599, 89.1792,
107.9177

■ 22.6281, 14.7383,
3.1505

■ 21.6589, 13.1169,
1.8497

■ 21.0886, 12.1167,
1.2273

Harmonies

Analogous

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



41.6926, 41.4954, 43.8201



41.1385, 41.4954, 40.9631



40.1337, 41.4954, 39.2871

Triad

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



41.1385, 41.4954, 40.9631



37.3244, 41.4954, 43.2352



39.9223, 41.4954, 51.8135

Complementary

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



41.1385, 41.4954, 40.9631



40.6964, 44.4844, 52.8962

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.



38.7546, 41.4954, 51.6377



41.1385, 41.4954, 40.9631



37.2703, 41.4954, 46.5707

Square

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



41.1385, 41.4954, 40.9631



37.9383, 41.4954, 40.5533



37.7892, 41.4954, 49.6799



40.9811, 41.4954, 50.1489

Rectangle

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



41.1385, 41.4954, 40.9631



39.3512, 41.4954, 39.0114



37.7892, 41.4954, 49.6799



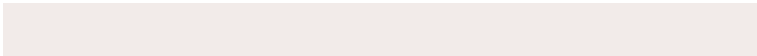
39.5292, 41.4954, 51.9700

Sweetspot

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



41.1396, 41.4972, 40.9640



80.9898, 84.0611, 88.7185



41.8901, 40.3363, 49.4200



17.6914, 18.3140, 19.2110



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.



41.1396, 41.4972, 40.9640



72.6986, 72.6287, 70.0779



43.2252, 45.6683, 41.6592



9.1659, 9.3348, 9.4256



14.2356, 8.2475, 0.8416



0.5495, 0.3861, 0.0456

Inverse Universe

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



40.6964, 44.4844, 52.8962



71.7471, 79.0359, 95.6754



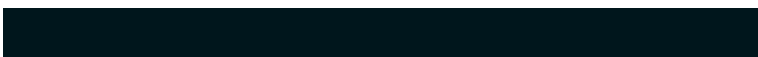
38.5918, 40.2752, 52.1947



9.0888, 9.8548, 11.5026



12.6999, 15.8595, 33.6449



0.4908, 0.6454, 1.2004

Previews

White Background



This preview shows how the XYZ color 41.1385, 41.4954, 40.9631 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 41.1385, 41.4954, 40.9631 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

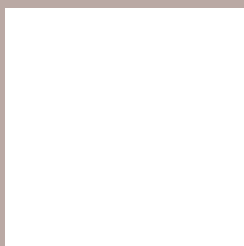
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.1385, 41.4954, 40.9631

Background



This preview shows how black text looks on a background with the XYZ color 41.1385, 41.4954, 40.9631.



This preview shows how white text looks on a background with the XYZ color 41.1385, 41.4954,

40.9631.

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

41.1385, 41.4954, 40.9631

Protanopia

39.7669, 41.6053, 42.0111

Deuteranopia

42.2578, 41.5242, 40.9097



Tritanopia

42.7960, 41.6241, 48.9587

Trichromacy



Original Color

41.1385, 41.4954, 40.9631

Protanomaly

40.1768, 41.5457, 41.4989

Deuteranomaly

41.9387, 41.6327, 40.9475

Tritanomaly

42.1361, 41.6261, 45.8582

Monochromacy



Original Color

41.1385, 41.4954, 40.9631

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.3683, 41.8723, 43.9847

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1385, 41.4954, 40.9631 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(186, 169, 164)` looks like.

```
.text, #text, p{  
    color:rgb(186, 169, 164)  
}
```

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(186, 169, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 169, 164) }
```

Border

The CSS property to change the border of an element to XYZ 41.1385, 41.4954, 40.9631 is called "border". The border property can be set on classes, ids or directly on the HTML element.

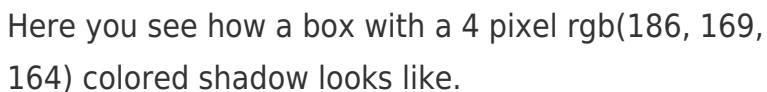
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 169, 164) }
```


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

```
.border{ border-color:rgb(186, 169, 164) }
```

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



Here you see how a box with a 4 pixel `rgb(186, 169, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 169, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 169, 164); box-shadow:4px 4px 4px 4px rgb(186, 169, 164) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1385, 41.4954, 40.9631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 169, 164) }
```

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

```
.background{ background-color: rgb(186,  
169, 164) }
```

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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