

Converting Colors

XYZ(41.8734, 41.8077, 41.5771)

Have a look what the booklet for
XYZ(41.8734, 41.8077, 41.5771)
contains.

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Color

**XYZ(41.9658, 41.9114,
41.4752)**

Conversions

Conversions Part 1

Format	Color
Hex	BDA9A5
RGB	189, 169, 165
RGB Percent	74%, 66%, 65%
CMY	0.2588, 0.3372, 0.3529
CMYK	0.00, 0.11, 0.13, 0.26
HSL	10°, 15%, 69%
HSV	10°, 13%, 74%
XYZ	41.9658, 41.9114, 41.4752
YIQ	174.5240, 13.2040, 2.9960

Conversions

Conversions Part 2

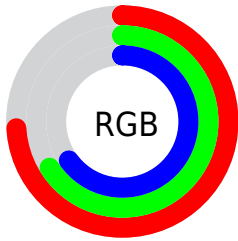
Format	Color
RYB	189, 170, 165
Decimal	12429733
CIELab	70.81, 6.55, 4.69
CIELCh	71, 8.061, 35.601
Yxy	41.9114, 0.3348, 0.3343
Android (android.graphics.Color)	4290619813 (0xFFBDA9A5)
YUV	174.5240, -4.6953, 12.6955
Hunter-Lab	64.7390, 2.4159, 7.3330

Details

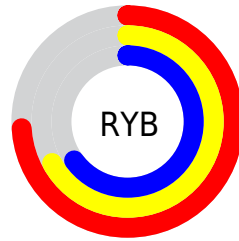
The XYZ color **41.9658, 41.9114, 41.4752** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.0511, 46.3705, 54.8787**, and the grayscale version is **40.5214, 42.6317, 46.4259**.

A 20% lighter version of the original color is **77.2301, 77.8911, 78.6742**, and **19.4953, 19.1491, 18.2914** is the 20% darker color. If you saturate the color by 10%, you get **37.6161, 35.7642, 32.1560**, and if you desaturate by 10%, it is **46.9250, 48.8697, 52.2528**.

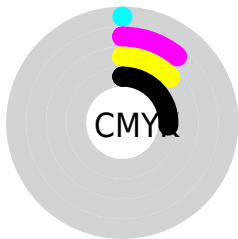
Distribution



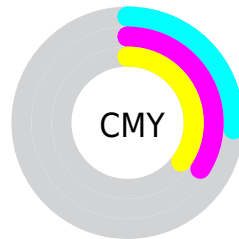
- Red (74%)
- Green (66%)
- Blue (65%)



- Red (74%)
- Yellow (67%)
- Blue (65%)



- Cyan (0%)
- Magenta (11%)
- Yellow (13%)
- Black (26%)





- Cyan (26%)
- Magenta (34%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.9658, 41.9114, 41.4752 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 41.9658, 41.9114, 41.4752 by changing the saturation by 10% instead.


 41.9658, 41.9114,
41.4752


 41.9658, 41.9114,
41.4752


345.3352,
354.1155, 368.0381

 29.2655, 29.0319,
28.3681


 77.4134, 78.0655,
78.6662

 19.4271, 19.1050,
18.3619


 100.8913,
102.1089, 103.5872

 12.0851, 11.7462,
11.0380


128.6926,
130.6425, 133.2833

 6.8743, 6.5711,
5.9779

161.1824,
164.0505, 168.1729

 3.4292, 3.1953,
2.7631

198.7262,
202.7174, 208.6747

 1.3846, 1.2345,
0.9750

241.6894,

 0.2452, 0.0896,

247.0276, 255.2071

0.0000

290.4373,
297.3655, 308.1887

■ 0.0000, 0.0000,
0.0000

■ 41.9658, 41.9114,
41.4752

■ 41.9658, 41.9114,
41.4752

■ 37.6161, 35.7642,
32.1560

■ 46.9250, 48.8697,
52.2528

■ 33.8487, 30.3932,
24.2299

■ 52.5124, 56.6615,
64.5450

■ 30.6397, 25.7689,
17.6305

■ 58.7504, 65.3151,
78.4083

■ 27.9622, 21.8582,
12.2850

■ 65.6591, 74.8559,
93.8954

■ 25.7867, 18.6251,
8.1135

■ 72.5244, 85.0148,
107.1948

■ 24.0810, 16.0307,
5.0269

■ 74.7965, 89.5589,
107.9522

■ 22.8092, 14.0317,
2.9232

■ 21.9292, 12.5797,
1.6807

■ 21.4904, 11.8267,
1.1501

Harmonies

Analogous

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



42.4532, 41.9114, 44.9185



41.9658, 41.9114, 41.4752



40.9086, 41.9114, 39.2434

Triad

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



41.9658, 41.9114, 41.4752



37.5366, 41.9114, 42.6557



40.0873, 41.9114, 53.3730

Complementary

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



41.9658, 41.9114, 41.4752



42.0511, 46.3705, 54.8787

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.



38.7814, 41.9114, 52.6841



41.9658, 41.9114, 41.4752



37.3278, 41.9114, 46.3578

Square

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



41.9658, 41.9114, 41.4752



38.3555, 41.9114, 39.8978



37.7786, 41.9114, 50.0627



41.3532, 41.9114, 51.8961

Rectangle

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



41.9658, 41.9114, 41.4752



40.0333, 41.9114, 38.6704



37.7786, 41.9114, 50.0627



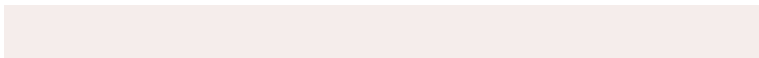
39.6384, 41.9114, 53.3880

Sweetspot

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



41.9670, 41.9133, 41.4761



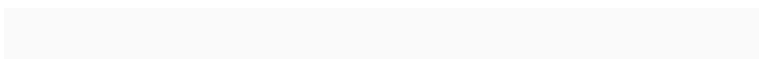
82.7635, 85.7361, 90.7899



43.1989, 41.2325, 51.5813



17.6479, 18.2271, 19.1966



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.



41.9670, 41.9133, 41.4761



73.0800, 72.1317, 69.7972



44.3022, 46.5837, 42.2545



9.6553, 9.7867, 9.9568



14.4979, 8.0347, 0.7867



0.6085, 0.3959, 0.0444

Inverse Universe

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



42.0511, 46.3705, 54.8787



73.2572, 81.5445, 98.1048



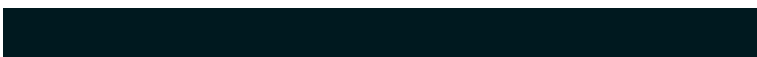
39.6465, 41.5612, 54.0771



9.6695, 10.5312, 12.1953



14.3945, 18.9007, 35.2824



0.6004, 0.8135, 1.3942

Previews

White Background



This preview shows how the XYZ color 41.9658, 41.9114, 41.4752 looks on a white background.

Color Contrast Check

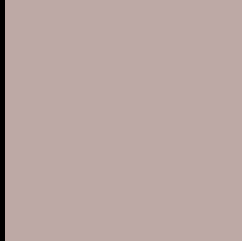
Large Text (above 18pt) WCAG AA × Fail

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 41.9658, 41.9114, 41.4752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

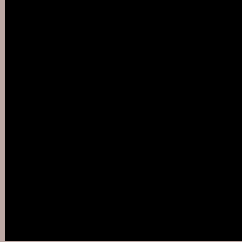
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.9658, 41.9114, 41.4752

Background



This preview shows how black text looks on a background with the XYZ color 41.9658, 41.9114, 41.4752.



This preview shows how white text looks on a background with the XYZ color 41.9658, 41.9114,

41.4752.

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

41.9658, 41.9114, 41.4752

Protanopia

40.2787, 42.1421, 42.5705

Deuteranopia

42.6026, 41.6915, 41.3992



Tritanopia

43.5428, 42.0091, 48.9936

Trichromacy



Original Color

41.9658, 41.9114, 41.4752

Protanomaly

40.9269, 42.2033, 42.0654

Deuteranomaly

42.5324, 41.9283, 41.4486

Tritanomaly

42.9757, 42.0476, 46.4084

Monochromacy



Original Color

41.9658, 41.9114, 41.4752

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.1166, 42.5307, 44.5702

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9658, 41.9114, 41.4752 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(189, 169, 165)` looks like.

```
.text, #text, p{  
    color:rgb(189, 169, 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(189, 169, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 169, 165) }
```

Border

The CSS property to change the border of an element to XYZ 41.9658, 41.9114, 41.4752 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(189, 169, 165) }
```


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

```
.border{ border-color:rgb(189, 169, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 169, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 169, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 169, 165);  
box-shadow:4px 4px 4px 4px rgb(189, 169,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9658, 41.9114, 41.4752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 169, 165) }
```

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

```
.background{ background-color: rgb(189,  
169, 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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