

Converting Colors

XYZ(41.7769, 42.9449, 54.2314)

Have a look what the booklet for
XYZ(41.7769, 42.9449, 54.2314)
contains.

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Color

**XYZ(41.7769, 42.9449,
54.2314)**

Conversions

Conversions Part 1

Format	Color
Hex	AEAEBD
RGB	174, 174, 189
RGB Percent	68%, 68%, 74%
CMY	0.3176, 0.3176, 0.2588
CMYK	0.08, 0.08, 0.00, 0.26
HSL	240°, 10%, 71%
HSV	240°, 8%, 74%
XYZ	41.7769, 42.9449, 54.2314
YIQ	175.7100, -4.8150, 4.6650

Conversions

Conversions Part 2

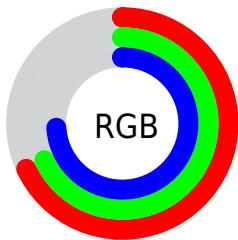
Format	Color
RYB	174, 174, 189
Decimal	11447997
CIELab	71.52, 2.93, -7.64
CIELCh	72, 8.186, 290.985
Yxy	42.9449, 0.3007, 0.3091
Android (android.graphics.Color)	4289638077 (0xFFFAEAEBD)
YUV	175.7100, 6.5520, -1.4997
Hunter-Lab	65.5324, -0.8878, -3.1929

Details

The XYZ color **41.7769, 42.9449, 54.2314** is a light color, and the websafe version is hex **999999**. A complement of this color would be **46.8239, 50.2695, 47.2802**, and the grayscale version is **41.0857, 43.2253, 47.0724**.

A 20% lighter version of the original color is **76.8138, 79.2892, 97.6420**, and **19.4295, 19.8342, 26.0969** is the 20% darker color. If you saturate the color by 10%, you get **34.4617, 34.1312, 52.9164**, and if you desaturate by 10%, it is **50.2007, 53.0948, 55.7472**.

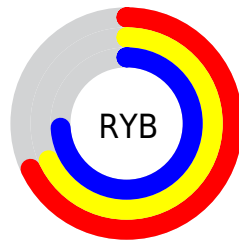
Distribution



Red (68%)

Green (68%)

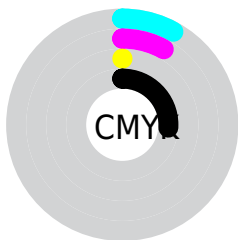
Blue (74%)



Red (68%)

Yellow (68%)

Blue (74%)

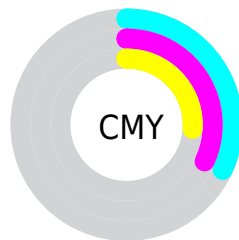


Cyan (8%)

Magenta (8%)

Yellow (0%)

Black (26%)



Cyan (32%)

Magenta (32%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.7769, 42.9449, 54.2314 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 41.7769, 42.9449, 54.2314 by changing the saturation by 10% instead.

■ 41.7769, 42.9449,
54.2314

■ 41.7769, 42.9449,
54.2314

344.5647,
358.3851, 420.1913

■ 29.1170, 29.8419,
38.3923

■ 77.1291, 79.6277,
97.8737

■ 19.3141, 19.7186,
25.9831

100.5522,
103.9763, 126.5140

■ 12.0028, 12.1907,
16.5853

128.2936,
132.8422, 160.2584

■ 6.8178, 6.8737,
9.7805

160.7189,
166.6098, 199.5255

■ 3.3937, 3.3832,
5.1499

198.1932,
205.6635, 244.7338

■ 1.3652, 1.3349,
2.2752

241.0821,

■ 0.2312, 0.1680,

250.3877, 296.3019

0.7173

289.7508,
301.1668, 354.6482

■ 0.0000, 0.0000,
0.0000

■ 41.7769, 42.9449,
54.2314

■ 41.7769, 42.9449,
54.2314

■ 34.4617, 34.1312,
52.9164

■ 50.2007, 53.0948,
55.7472

■ 28.2054, 26.5930,
51.7911

■ 59.7726, 64.6276,
57.4688

■ 22.9600, 20.2729,
50.8477

■ 70.5347, 77.5943,
59.4044

■ 18.6726, 15.1069,
50.0765

■ 82.5259, 92.0420,
61.5610

■ 15.2854, 11.0254,
49.4672

■ 86.1854, 96.4542,
62.2198

■ 12.7342, 7.9511,
49.0083

■ 10.9464, 5.7968,
48.6867

■ 9.8373, 4.4601,
48.4871

■ 9.2770, 3.7847,
48.3863

Harmonies

Analogous

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



40.4029, 42.9449, 54.6861



41.7769, 42.9449, 54.2314



42.9175, 42.9449, 51.7162

Triad

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



41.7769, 42.9449, 54.2314



42.5137, 42.9449, 41.0923



38.2492, 42.9449, 45.5773

Complementary

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



41.7769, 42.9449, 54.2314



46.8239, 50.2695, 47.2802

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.



38.7878, 42.9449, 42.1305



41.7769, 42.9449, 54.2314



41.2357, 42.9449, 39.6388

Square

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



41.7769, 42.9449, 54.2314



43.3496, 42.9449, 44.0869



39.8736, 42.9449, 40.0079



38.3867, 42.9449, 49.5384

Rectangle

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



41.7769, 42.9449, 54.2314



43.3821, 42.9449, 49.2834



39.8736, 42.9449, 40.0079



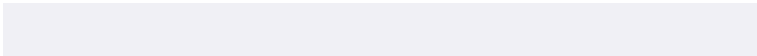
38.3567, 42.9449, 44.3236

Sweetspot

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



41.7782, 42.9467, 54.2323



83.4856, 87.3530, 98.6869



44.8120, 49.0578, 55.1099



17.9875, 18.8262, 21.2283



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.



41.7782, 42.9467, 54.2323



71.7415, 73.2028, 96.5746



43.4368, 43.8010, 54.3098



9.0167, 9.2257, 11.9777



6.1805, 2.4727, 32.5444



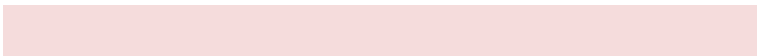
0.2421, 0.0970, 1.2748

Inverse Universe

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



43.7633, 44.1478, 46.2613



76.2250, 75.9156, 78.5713



45.0707, 49.3665, 47.1984



9.5303, 9.5364, 9.9154



14.1204, 7.2793, 0.6616



0.5531, 0.2851, 0.0260

Previews

White Background



This preview shows how the XYZ color 41.7769, 42.9449, 54.2314 looks on a white background.

Color Contrast Check

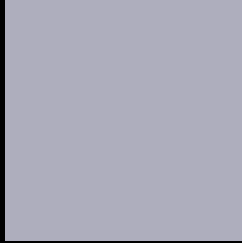
Large Text (above 18pt) WCAG AA × Fail

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 41.7769, 42.9449, 54.2314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

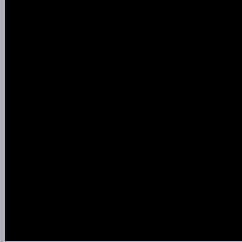
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.7769, 42.9449, 54.2314

Background



This preview shows how black text looks on a background with the XYZ color 41.7769, 42.9449, 54.2314.

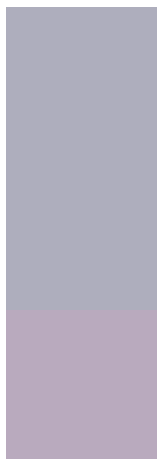


This preview shows how white text looks on a background with the XYZ color 41.7769, 42.9449,

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

41.7769, 42.9449, 54.2314

Protanopia

41.7769, 42.9449, 54.2314

Deuteranopia

43.6766, 42.7814, 54.6708



Tritanopia

41.6687, 42.9016, 53.6616

Trichromacy



Original Color

41.7769, 42.9449, 54.2314

Protanomaly

41.7769, 42.9449, 54.2314

Deuteranomaly

42.9132, 42.6673, 54.6890

Tritanomaly

41.6687, 42.9016, 53.6616

Monochromacy



Original Color

41.7769, 42.9449, 54.2314

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.3497, 43.1101, 49.8578

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.7769, 42.9449, 54.2314 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(174, 174, 189)` looks like.

```
.text, #text, p{  
    color:rgb(174, 174, 189)  
}
```

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(174, 174, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 174, 189) }
```

Border

The CSS property to change the border of an element to XYZ 41.7769, 42.9449, 54.2314 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(174, 174, 189) }
```


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

```
.border{ border-color:rgb(174, 174, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 174, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 174, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 174, 189);  
box-shadow:4px 4px 4px 4px rgb(174, 174,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 41.7769, 42.9449, 54.2314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 174, 189) }
```

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

```
.background{ background-color: rgb(174,  
174, 189) }
```

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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