

Converting Colors

XYZ(74.8293, 56.6813, 43.8948)

Have a look what the booklet for
XYZ(74.8293, 56.6813, 43.8948)
contains.

XYZ(61.0528, 49.5769, 43.3973)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(61.0528, 49.5769,
43.3973)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA1A8
RGB	255, 161, 168
RGB Percent	100%, 63%, 66%
CMY	0.0000, 0.3686, 0.3412
CMYK	0.00, 0.37, 0.34, 0.00
HSL	356°, 100%, 82%
HSV	356°, 37%, 100%
XYZ	61.0528, 49.5769, 43.3973
YIQ	189.9040, 53.7770, 22.1050

Conversions

Conversions Part 2

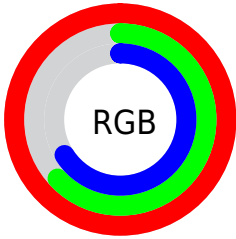
Format	Color
R_{YB}	255, 161, 168
Decimal	16753064
CIE _{Lab}	75.81, 35.68, 11.11
CIE _{LCh}	76, 37.373, 17.287
Yxy	49.5769, 0.3964, 0.3219
Android (android.graphics.Color)	4294943144 (0xFFFFA1A8)
YUV	189.9040, -10.7987, 57.0892
Hunter-Lab	70.4109, 31.5572, 12.7446

Details

The XYZ color **61.0528, 49.5769, 43.3973** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **67.4034, 85.8754, 101.8344**, and the grayscale version is **48.9280, 51.4761, 56.0574**.

A 20% lighter version of the original color is **79.3721, 76.2134, 80.3393**, and **31.2799, 23.7218, 19.4531** is the 20% darker color. If you saturate the color by 10%, you get **55.0394, 40.7555, 31.5114**, and if you desaturate by 10%, it is **68.3764, 60.3799, 57.6899**.

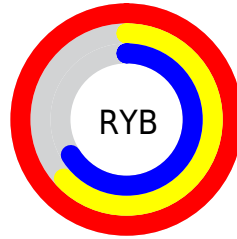
Distribution



Red (100%)

Green (63%)

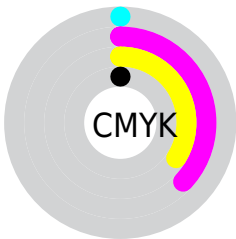
Blue (66%)



Red (100%)

Yellow (63%)

Blue (66%)

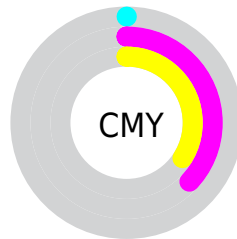


Cyan (0%)

Magenta (37%)

Yellow (34%)

Black (0%)



Cyan (0%)


Magenta (37%)


Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.0528, 49.5769, 43.3973 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 61.0528, 49.5769, 43.3973 by changing the saturation by 10% instead.


 61.0528, 49.5769,
43.3973


 61.0528, 49.5769,
43.3973


418.2404,
385.0090, 376.2122

 44.5205, 35.0773,
29.8633


 105.4531, 89.5477,
81.6028

 31.2796, 23.7225,
19.4836

 134.0517,
115.7877, 107.1114

 20.9647, 15.1279,
11.8399


167.4032,
146.7099, 137.4486

 13.2105, 8.9092,
6.5136

205.8729,
182.6989, 173.0329

 7.6517, 4.6820,
3.0860

249.8261,
224.1388, 214.2829

 3.9228, 2.0619,
1.1387

299.6281,

 1.6585, 0.6431,

271.4143, 261.6171

0.0000

355.6445,
324.9095, 315.4540

■ 0.4301, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.0528, 49.5769,
43.3973

■ 61.0528, 49.5769,
43.3973

■ 55.0394, 40.7555,
31.5114

■ 68.3764, 60.3799,
57.6899

■ 50.2554, 33.7888,
21.8969

■ 77.0774, 73.2672,
74.5085

■ 46.6165, 28.5463,
14.4098

■ 87.2228, 88.3429,
93.9678

■ 44.0266, 24.8775,
8.8881

95.0500, 100.0000,
108.9000

■ 42.3735, 22.6062,
5.1465

■ 41.5177, 21.5101,
2.9637

■ 41.3573, 21.3069,
2.5479

Harmonies

Analogous

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



61.3812, 49.5769, 62.8395



61.0528, 49.5769, 43.3973



56.7698, 49.5769, 30.4790

Triad

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



61.0528, 49.5769, 43.3973



37.9768, 49.5769, 31.9772



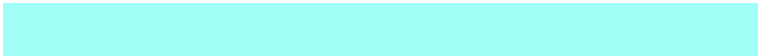
44.2441, 49.5769, 100.5280

Complementary

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



61.0528, 49.5769, 43.3973



67.4034, 85.8754, 101.8344

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.



38.6332, 49.5769, 87.2299



61.0528, 49.5769, 43.3973



35.2611, 49.5769, 45.9964

Square

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



61.0528, 49.5769, 43.3973



43.2644, 49.5769, 25.0849



35.4889, 49.5769, 66.1587



51.2010, 49.5769, 99.3370

Rectangle

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



61.0528, 49.5769, 43.3973



52.4664, 49.5769, 25.8348



35.4889, 49.5769, 66.1587



42.1523, 49.5769, 97.4898

Sweetspot

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



61.0540, 49.5793, 43.3983



82.8435, 81.8301, 85.5846



69.2128, 52.5166, 101.0966



17.4368, 17.0764, 17.7526



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.0540, 49.5793, 43.3983



56.6305, 43.0841, 34.6731



68.3674, 65.2211, 42.7069



18.0642, 18.0090, 18.9553



21.6296, 11.1411, 1.4342



2.1241, 1.0920, 0.2351

Inverse Universe

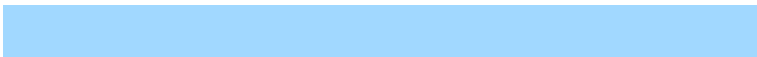
The Inverse Universe completely reimagines the original color for something new.



61.0540, 49.5793, 43.3983



56.6305, 43.0841, 34.6731



57.2632, 63.8256, 103.9092



18.0642, 18.0090, 18.9553



21.6296, 11.1411, 1.4342



2.1241, 1.0920, 0.2351

Previews

White Background



This preview shows how the XYZ color 61.0528, 49.5769, 43.3973 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 61.0528, 49.5769, 43.3973 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 61.0528, 49.5769, 43.3973

Background



This preview shows how black text looks on a background with the XYZ color 61.0528, 49.5769, 43.3973.



This preview shows how white text looks on a background with the XYZ color 61.0528, 49.5769,

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

61.0528, 49.5769, 43.3973

Protanopia

47.7406, 49.7017, 51.3332

Deuteranopia

50.8443, 49.6553, 42.5019



Tritanopia

61.4313, 49.7283, 45.3905

Trichromacy



Original Color

61.0528, 49.5769, 43.3973



Protanomaly

51.6823, 49.0657, 48.3416



Deuteranomaly

54.1396, 49.2983, 42.7385



Tritanomaly

61.3356, 49.6900, 44.8865

Monochromacy



Original Color

61.0528, 49.5769, 43.3973



Achromatopsia

48.9429, 51.4918, 56.0745



Achromatomaly

52.2952, 49.9137, 51.1340

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0528, 49.5769, 43.3973 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(255, 161, 168)` looks like.

```
.text, #text, p{  
    color:rgb(255, 161, 168)  
}
```

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(255, 161, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 161, 168) }
```

Border

The CSS property to change the border of an element to XYZ 61.0528, 49.5769, 43.3973 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(255, 161, 168) }
```


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

```
.border{ border-color:rgb(255, 161, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 161, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 161, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 161, 168); box-shadow:4px 4px 4px 4px rgb(255, 161, 168) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0528, 49.5769, 43.3973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 161, 168) }
```

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

```
.background{ background-color: rgb(255,  
161, 168) }
```

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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