

Converting Colors

XYZ(34.6818, 33.7355, 42.1881)

Have a look what the booklet for
XYZ(34.6818, 33.7355, 42.1881)
contains.

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Color

**XYZ(34.7519, 33.7561,
42.2201)**

Conversions

Conversions Part 1

Format	Color
Hex	A998A9
RGB	169, 152, 169
RGB Percent	66%, 60%, 66%
CMY	0.3372, 0.4039, 0.3373
CMYK	0.00, 0.10, 0.00, 0.34
HSL	300°, 9%, 63%
HSV	300°, 10%, 66%
XYZ	34.7519, 33.7561, 42.2201
YIQ	159.0210, 4.6750, 8.8910

Conversions

Conversions Part 2

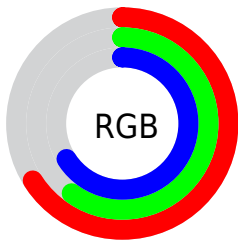
Format	Color
R_{YB}	169, 152, 169
Decimal	11114665
CIE _{Lab}	64.77, 9.39, -6.59
CIE _{LCh}	65, 11.472, 324.964
Yxy	33.7561, 0.3138, 0.3049
Android (android.graphics.Color)	4289304745 (0xFFA998A9)
YUV	159.0210, 4.9196, 8.7516
Hunter-Lab	58.1000, 5.0929, -2.4148

Details

The XYZ color **34.7519, 33.7561, 42.2201** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.8057, 37.3193, 35.1819**, and the grayscale version is **32.9418, 34.6574, 37.7419**.

A 20% lighter version of the original color is **66.2663, 65.3717, 79.6464**, and **15.2007, 14.3736, 18.8028** is the 20% darker color. If you saturate the color by 10%, you get **32.2025, 28.6567, 41.3706**, and if you desaturate by 10%, it is **37.6942, 39.6401, 43.2013**.

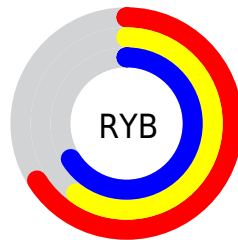
Distribution



Red (66%)

Green (60%)

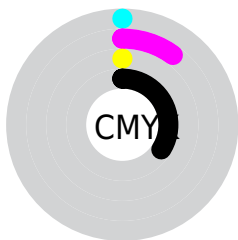
Blue (66%)



Red (66%)

Yellow (60%)

Blue (66%)

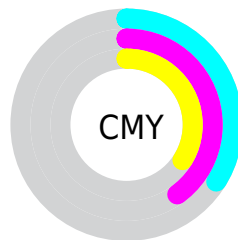


Cyan (0%)

Magenta (10%)

Yellow (0%)

Black (34%)



Cyan (34%)

Magenta (40%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.7519, 33.7561, 42.2201 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 34.7519, 33.7561, 42.2201 by changing the saturation by 10% instead.

■ 34.7519, 33.7561,
42.2201

■ 34.7519, 33.7561,
42.2201

314.9991,
319.0431, 371.2211

■ 23.6374, 22.7063,
28.9468

■ 66.4378, 65.5542,
79.8063

■ 15.1882, 14.3768,
18.7954

■ 87.7400, 87.0713,
104.9563

■ 9.0387, 8.3832,
11.3472

113.1687,
112.8463, 134.9023

■ 4.8238, 4.3411,
6.1838

143.0894,
143.2635, 170.0628

■ 2.1779, 1.8661,
2.8866

177.8675,
178.7074, 210.8564

■ 0.7311, 0.5279,
1.0370

217.8682,

■ 0.0000, 0.0000,

219.5624, 257.7017

0.0000

263.4570,
266.2128, 311.0170

■ 34.7519, 33.7561,
42.2201

■ 34.7519, 33.7561,
42.2201

■ 32.2025, 28.6567,
41.3706

■ 37.6942, 39.6401,
43.2013

■ 30.0264, 24.3047,
40.6452

■ 41.0417, 46.3352,
44.3173

■ 28.2072, 20.6662,
40.0386

■ 44.8102, 53.8722,
45.5736

■ 26.7257, 17.7032,
39.5447

■ 49.0136, 62.2789,
46.9748

■ 25.5611, 15.3742,
39.1564

■ 53.6651, 71.5818,
48.5254

■ 24.6904, 13.6329,
38.8661

■ 58.7773, 81.8063,
50.2295

■ 24.0874, 12.4269,
38.6650

■ 59.2841, 82.8198,
50.3986

■ 23.7212, 11.6945,
38.5429

■ 59.2841, 82.8198,
50.3987

■ 23.5238, 11.2997,
38.4770

■ 59.2842, 82.8198,
50.3988

Harmonies

Analogous

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



33.4415, 33.7561, 45.6201



34.7519, 33.7561, 42.2201



35.3486, 33.7561, 37.5578

Triad

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



34.7519, 33.7561, 42.2201



32.3634, 33.7561, 28.4282



29.2937, 33.7561, 40.7233

Complementary

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



34.7519, 33.7561, 42.2201



32.8057, 37.3193, 35.1819

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.



29.0272, 33.7561, 35.9630



34.7519, 33.7561, 42.2201



30.7640, 33.7561, 29.1193

Square

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



34.7519, 33.7561, 42.2201



33.9397, 33.7561, 29.8074



29.5566, 33.7561, 31.7825



30.2975, 33.7561, 44.7054

Rectangle

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



34.7519, 33.7561, 42.2201



35.2470, 33.7561, 34.4587



29.5566, 33.7561, 31.7825



29.1164, 33.7561, 39.1504

Sweetspot

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



34.7529, 33.7576, 42.2208



65.8536, 67.6852, 76.8187



31.3401, 31.9982, 42.0612



14.2609, 14.5678, 16.7124



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



34.7529, 33.7576, 42.2208



61.1959, 58.3698, 75.2660



33.9806, 33.4486, 38.1540



7.8419, 7.6666, 9.4848



17.5319, 8.4215, 28.6762



0.4266, 0.2049, 0.6977

Inverse Universe

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



34.7529, 33.7576, 42.2208



61.1959, 58.3698, 75.2660



33.5271, 37.6079, 38.9807



7.8419, 7.6666, 9.4848



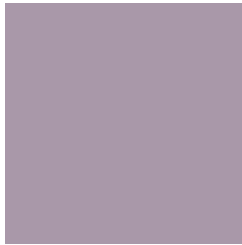
17.5319, 8.4215, 28.6762



0.4266, 0.2049, 0.6977

Previews

White Background



This preview shows how the XYZ color 34.7519, 33.7561, 42.2201 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 34.7519, 33.7561, 42.2201 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 34.7519, 33.7561, 42.2201

Background



This preview shows how black text looks on a background with the XYZ color 34.7519, 33.7561, 42.2201.



This preview shows how white text looks on a background with the XYZ color 34.7519, 33.7561,

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

34.7519, 33.7561, 42.2201

Protanopia

33.0452, 33.8234, 43.8166

Deuteranopia

34.4890, 33.8625, 42.2545



Tritanopia

34.3312, 33.8239, 40.3165

Trichromacy



Original Color

34.7519, 33.7561, 42.2201

Protanomaly

33.7700, 33.9600, 43.3031

Deuteranomaly

34.7011, 33.9719, 42.2644

Tritanomaly

34.4226, 33.8605, 40.7978

Monochromacy



Original Color

34.7519, 33.7561, 42.2201

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.6036, 34.2078, 39.4820

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.7519, 33.7561, 42.2201 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(169, 152, 169)` looks like.

```
.text, #text, p{  
    color:rgb(169, 152, 169)  
}
```

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(169, 152, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 152, 169) }
```

Border

The CSS property to change the border of an element to XYZ 34.7519, 33.7561, 42.2201 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(169, 152, 169) }
```


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

```
.border{ border-color:rgb(169, 152, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 152, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 152, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 152, 169);  
box-shadow:4px 4px 4px 4px rgb(169, 152,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 34.7519, 33.7561, 42.2201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 152, 169) }
```

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

```
.background{ background-color: rgb(169,  
152, 169) }
```

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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