

Converting Colors

XYZ(34.3998, 34.3066, 42.3449)

Have a look what the booklet for
XYZ(34.3998, 34.3066, 42.3449)
contains.

XYZ(34.3998, 34.3066, 42.3449)	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(34.3998, 34.3066,
42.3449)**

Conversions

Conversions Part 1

Format	Color
Hex	A59BA9
RGB	165, 155, 169
RGB Percent	65%, 61%, 66%
CMY	0.3529, 0.3921, 0.3373
CMYK	0.02, 0.08, 0.00, 0.34
HSL	283°, 8%, 64%
HSV	283°, 8%, 66%
XYZ	34.3998, 34.3066, 42.3449
YIQ	159.5860, 1.4660, 6.4740

Conversions

Conversions Part 2

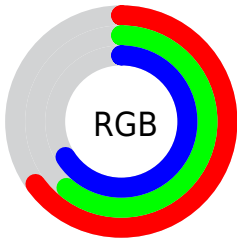
Format	Color
RYB	165, 155, 169
Decimal	10853289
CIELab	65.21, 6.30, -5.98
CIELCh	65, 8.684, 316.506
Yxy	34.3066, 0.3098, 0.3089
Android (android.graphics.Color)	4289043369 (0xFFA59BA9)
YUV	159.5860, 4.6411, 4.7481
Hunter-Lab	58.5718, 2.3340, -1.8638

Details

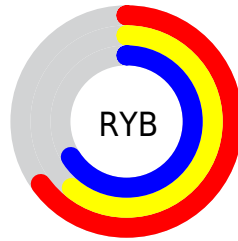
The XYZ color **34.3998, 34.3066, 42.3449** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.4038, 38.1144, 36.5556**, and the grayscale version is **33.2029, 34.9320, 38.0410**.

A 20% lighter version of the original color is **65.7702, 66.1984, 79.8321**, and **14.9713, 14.6957, 18.8771** is the 20% darker color. If you saturate the color by 10%, you get **30.7964, 28.5626, 41.4266**, and if you desaturate by 10%, it is **38.4368, 40.8604, 43.3976**.

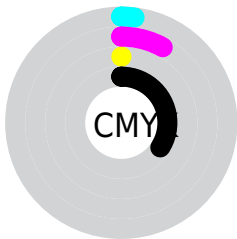
Distribution



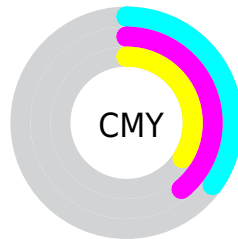
- Red (65%)
- Green (61%)
- Blue (66%)



- Red (65%)
- Yellow (61%)
- Blue (66%)



- Cyan (2%)
- Magenta (8%)
- Yellow (0%)
- Black (34%)



- Cyan (35%)
- Magenta (39%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.3998, 34.3066, 42.3449 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 34.3998, 34.3066, 42.3449 by changing the saturation by 10% instead.

■ 34.3998, 34.3066,
42.3449

■ 34.3998, 34.3066,
42.3449

313.4657,
321.4970, 371.7524

■ 23.3652, 23.1292,
29.0439

■ 65.8951, 66.4102,
79.9971

■ 14.9856, 14.6890,
18.8681

■ 87.0865, 88.1052,
105.1853

■ 8.8955, 8.6014,
11.3992

112.3943,
114.0748, 135.1730

■ 4.7297, 4.4821,
6.2185

142.1838,
144.7036, 170.3787

■ 2.1227, 1.9467,
2.9074

176.8203,
180.3758, 211.2209

■ 0.7015, 0.5762,
1.0476

216.6692,

■ 0.0000, 0.0000,

221.4758, 258.1183

0.0000

262.0959,
268.3881, 311.4893

■ 34.3998, 34.3066,
42.3449

■ 34.3998, 34.3066,
42.3449

■ 30.7964, 28.5626,
41.4266

■ 38.4368, 40.8604,
43.3976

■ 27.6069, 23.5914,
40.6352

■ 42.9201, 48.2503,
44.5878

■ 24.8146, 19.3592,
39.9655

■ 47.8656, 56.5072,
45.9208

■ 22.4001, 15.8284,
39.4112

■ 53.2875, 65.6587,
47.4015

■ 20.3428, 12.9580,
38.9656

■ 59.1993, 75.7314,
49.0341

■ 18.6194, 10.7023,
38.6211

■ 65.1643, 85.8512,
50.6731

■ 17.2039, 9.0101,
38.3690

■ 66.4240, 86.5006,
50.7320

■ 16.0661, 7.8213,
38.1995

■ 67.7244, 87.1710,
50.7929

■ 15.1532, 7.0313,
38.0951

■ 69.0658, 87.8625,
50.8556

Harmonies

Analogous

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



33.3018, 34.3066, 44.4220



34.3998, 34.3066, 42.3449



35.0246, 34.3066, 38.9995

Triad

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



34.3998, 34.3066, 42.3449



33.1770, 34.3066, 30.9951



30.3355, 34.3066, 39.3637

Complementary

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



34.3998, 34.3066, 42.3449



34.4038, 38.1144, 36.5556

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.



30.3040, 34.3066, 35.7556



34.3998, 34.3066, 42.3449



31.9227, 34.3066, 31.0786

Square

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



34.3998, 34.3066, 42.3449



34.3064, 34.3066, 32.5355



30.8784, 34.3066, 32.7716



30.9654, 34.3066, 42.6263

Rectangle

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



34.3998, 34.3066, 42.3449



35.0785, 34.3066, 36.5721



30.8784, 34.3066, 32.7716



30.2551, 34.3066, 38.1471

Sweetspot

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



34.4008, 34.3081, 42.3456



66.0316, 68.6000, 76.9860



33.1130, 34.6998, 42.4891



14.4105, 14.9818, 16.7844



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.



34.4008, 34.3081, 42.3456



60.3262, 59.3821, 75.5074



34.9859, 34.6397, 41.0156



7.6299, 7.5573, 9.4749



11.2378, 5.1767, 28.3824



0.3199, 0.1499, 0.6927

Inverse Universe

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



34.3428, 34.3825, 37.6292



60.2097, 59.5496, 65.2196



33.8611, 37.8071, 37.7719



7.6160, 7.5763, 8.2950



12.6174, 6.4557, 2.7967



0.3286, 0.1657, 0.1821

Previews

White Background



This preview shows how the XYZ color 34.3998, 34.3066, 42.3449 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 34.3998, 34.3066, 42.3449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

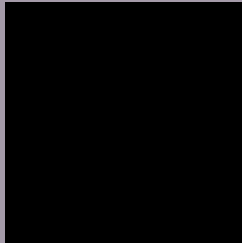
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.3998, 34.3066, 42.3449

Background



This preview shows how black text looks on a background with the XYZ color 34.3998, 34.3066, 42.3449.



This preview shows how white text looks on a background with the XYZ color 34.3998, 34.3066,

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

34.3998, 34.3066, 42.3449

Protanopia

33.4132, 34.2853, 42.8869

Deuteranopia

35.0792, 34.4108, 42.3292



Tritanopia

34.2134, 34.2320, 41.3634

Trichromacy



Original Color

34.3998, 34.3066, 42.3449

Protanomaly

33.8421, 34.2563, 42.8587

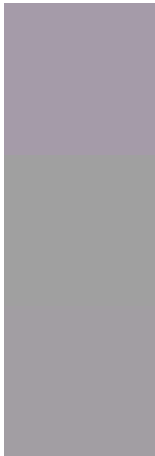
Deuteranomaly

34.8655, 34.3006, 42.3192

Tritanomaly

34.3063, 34.2692, 41.8523

Monochromacy



Original Color

34.3998, 34.3066, 42.3449

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.7380, 34.7794, 39.5853

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3998, 34.3066, 42.3449 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(165, 155, 169)` looks like.

```
.text, #text, p{  
    color:rgb(165, 155, 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(165, 155, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 155, 169) }
```

Border

The CSS property to change the border of an element to XYZ 34.3998, 34.3066, 42.3449 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(165, 155, 169) }
```


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

```
.border{ border-color:rgb(165, 155, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 155, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 155, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 155, 169);  
box-shadow:4px 4px 4px 4px rgb(165, 155,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3998, 34.3066, 42.3449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 155, 169) }
```

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

```
.background{ background-color: rgb(165,  
155, 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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