

Converting Colors

XYZ(34.2632, 35.3238, 37.7731)

Have a look what the booklet for
XYZ(34.2632, 35.3238, 37.7731)
contains.

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Color

**XYZ(34.3820, 35.4065,
37.8229)**

Conversions

Conversions Part 1

Format	Color
Hex	A69F9F
RGB	166, 159, 159
RGB Percent	65%, 62%, 62%
CMY	0.3490, 0.3765, 0.3765
CMYK	0.00, 0.04, 0.04, 0.35
HSL	0°, 4%, 64%
HSV	0°, 4%, 65%
XYZ	34.3820, 35.4065, 37.8229
YIQ	161.0930, 4.1720, 1.4840

Conversions

Conversions Part 2

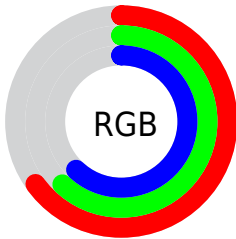
Format	Color
R _Y B	166, 159, 159
Decimal	10919839
CIE Lab	66.06, 2.54, 0.90
CIE LCh	66, 2.691, 19.479
Yxy	35.4065, 0.3195, 0.3290
Android (android.graphics.Color)	4289109919 (0xFFA69F9F)
YUV	161.0930, -1.0318, 4.3034
Hunter-Lab	59.5034, -0.9907, 3.9651

Details

The XYZ color **34.3820, 35.4065, 37.8229** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.8171, 37.3958, 41.4598**, and the grayscale version is **33.9236, 35.6903, 38.8667**.

A 20% lighter version of the original color is **66.0030, 68.3203, 73.3267**, and **15.0088, 15.3852, 16.3660** is the 20% darker color. If you saturate the color by 10%, you get **30.3730, 29.5408, 29.8505**, and if you desaturate by 10%, it is **38.9695, 42.1187, 46.9435**.

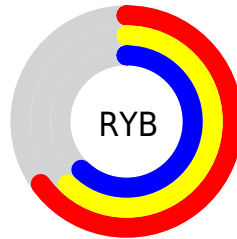
Distribution



Red (65%)

Green (62%)

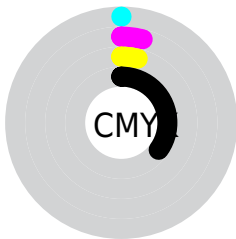
Blue (62%)



Red (65%)

Yellow (62%)

Blue (62%)

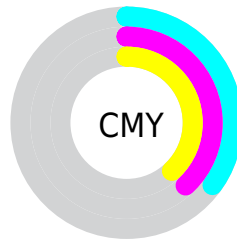


Cyan (0%)

Magenta (4%)

Yellow (4%)

Black (35%)



Cyan (35%)


Magenta (38%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.3820, 35.4065, 37.8229 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 34.3820, 35.4065, 37.8229 by changing the saturation by 10% instead.


 34.3820, 35.4065,
37.8229


 34.3820, 35.4065,
37.8229


313.3881,
326.3590, 352.1350

 23.3515, 23.9762,
25.5445


 65.8676, 68.1150,
73.0370

 14.9754, 15.3159,
16.2605


 87.0535, 90.1620,
96.8098

 8.8883, 9.0414,
9.5523

112.3551,
116.5167, 125.2512

 4.7249, 4.7682,
5.0015

142.1379,
147.5634, 158.7796

 2.1199, 2.1119,
2.1894

176.7673,
183.6866, 197.8137

 0.7000, 0.6713,
0.6682

216.6085,

 0.0000, 0.0000,

225.2707, 242.7719

0.0000

262.0270,
272.7000, 294.0728

■ 34.3820, 35.4065,
37.8229

■ 34.3820, 35.4065,
37.8229

■ 30.3730, 29.5408,
29.8505

■ 38.9695, 42.1187,
46.9435

■ 26.9168, 24.4837,
22.9786

■ 44.1541, 49.7044,
57.2529

■ 23.9900, 20.2011,
17.1596

■ 49.9572, 58.1949,
68.7924

■ 21.5664, 16.6548,
12.3415

■ 56.3982, 67.6188,
81.6008

■ 19.6178, 13.8034,
8.4680

■ 63.4958, 78.0031,
95.7151

■ 18.1130, 11.6012,
5.4770

■ 69.5360, 86.8471,
107.7060

■ 17.0170, 9.9973,
3.2991

■ 16.2900, 8.9330,
1.8547

■ 15.8836, 8.3380,
1.0479

Harmonies

Analogous

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



34.4135, 35.4065, 38.9546



34.3820, 35.4065, 37.8229



34.1542, 35.4065, 36.9039

Triad

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



34.3820, 35.4065, 37.8229



33.0724, 35.4065, 37.1403



33.5128, 35.4065, 40.7547

Complementary

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



34.3820, 35.4065, 37.8229



34.8171, 37.3958, 41.4598

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.



33.1563, 35.4065, 40.2478



34.3820, 35.4065, 37.8229



32.9034, 35.4065, 38.1515

Square

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



34.3820, 35.4065, 37.8229



33.3974, 35.4065, 36.5152



32.9340, 35.4065, 39.2897



33.9095, 35.4065, 40.6625

Rectangle

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



34.3820, 35.4065, 37.8229



33.9227, 35.4065, 36.5284



32.9340, 35.4065, 39.2897



33.3843, 35.4065, 40.6483

Sweetspot

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



34.3830, 35.4080, 37.8237



64.9477, 67.9873, 73.7088



35.0074, 35.6569, 41.1141



14.5445, 15.2295, 16.5153



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.



34.3830, 35.4080, 37.8237



61.7224, 63.2682, 67.2957



34.9929, 36.6278, 38.0270



7.8880, 8.0646, 8.5573



12.1954, 6.2880, 0.5709



0.2968, 0.1531, 0.0139

Inverse Universe

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



34.8171, 37.3958, 41.4598



62.6684, 67.6005, 75.2205



34.1900, 36.1417, 41.2508



8.0208, 8.6727, 9.6696



15.9014, 23.2629, 31.6276



0.3870, 0.5662, 0.7695

Previews

White Background



This preview shows how the XYZ color 34.3820, 35.4065, 37.8229 looks on a white background.

Color Contrast Check

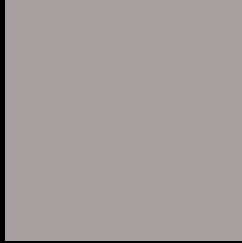
Large Text (above 18pt) WCAG AA × Fail

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 34.3820, 35.4065, 37.8229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

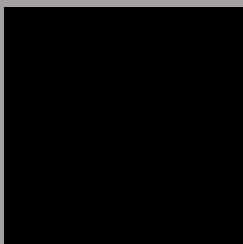
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

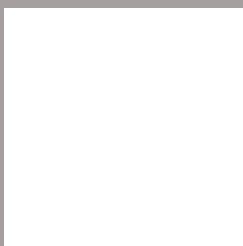
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.3820, 35.4065, 37.8229

Background



This preview shows how black text looks on a background with the XYZ color 34.3820, 35.4065, 37.8229.



This preview shows how white text looks on a background with the XYZ color 34.3820, 35.4065,

37.8229.

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

34.3820, 35.4065, 37.8229

Protanopia

34.1387, 35.5373, 37.8610

Deuteranopia

35.9710, 35.2109, 38.1582



Tritanopia

35.4611, 35.3411, 42.9827

Trichromacy



Original Color

34.3820, 35.4065, 37.8229

Protanomaly

34.3459, 35.6441, 37.8707

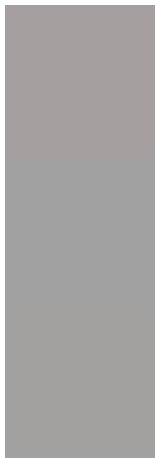
Deuteranomaly

35.2469, 35.0857, 38.1722

Tritanomaly

35.0461, 35.4224, 41.0665

Monochromacy



Original Color

34.3820, 35.4065, 37.8229

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.0202, 35.4662, 38.3103

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3820, 35.4065, 37.8229 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(166, 159, 159)` looks like.

```
.text, #text, p{  
    color:rgb(166, 159, 159)  
}
```

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(166, 159, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 159, 159) }
```

Border

The CSS property to change the border of an element to XYZ 34.3820, 35.4065, 37.8229 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(166, 159, 159) }
```


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

```
.border{ border-color:rgb(166, 159, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 159, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 159, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 159, 159);  
box-shadow:4px 4px 4px 4px rgb(166, 159,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3820, 35.4065, 37.8229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 159, 159) }
```

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

```
.background{ background-color: rgb(166,  
159, 159) }
```

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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