

Converting Colors

XYZ(34.3391, 35.6441, 37.8658)

Have a look what the booklet for
XYZ(34.3391, 35.6441, 37.8658)
contains.

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Color

**XYZ(34.3459, 35.6441,
37.8707)**

Conversions

Conversions Part 1

Format	Color
Hex	A5A09F
RGB	165, 160, 159
RGB Percent	65%, 63%, 62%
CMY	0.3529, 0.3725, 0.3765
CMYK	0.00, 0.03, 0.04, 0.35
HSL	10°, 3%, 64%
HSV	10°, 4%, 65%
XYZ	34.3459, 35.6441, 37.8707
YIQ	161.3810, 3.3010, 0.7490

Conversions

Conversions Part 2

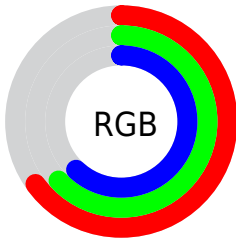
Format	Color
R _Y B	165, 160, 159
Decimal	10854559
CIE Lab	66.25, 1.62, 1.15
CIE LCh	66, 1.991, 35.420
Yxy	35.6441, 0.3184, 0.3305
Android (android.graphics.Color)	4289044639 (0xFFA5A09F)
YUV	161.3810, -1.1738, 3.1739
Hunter-Lab	59.7027, -1.7918, 4.1829

Details

The XYZ color **34.3459, 35.6441, 37.8707** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.3652, 36.6382, 40.8586**, and the grayscale version is **34.0586, 35.8323, 39.0213**.

A 20% lighter version of the original color is **65.9532, 68.6716, 73.3972**, and **14.9855, 15.5307, 16.3953** is the 20% darker color. If you saturate the color by 10%, you get **30.7566, 30.6058, 30.0753**, and if you desaturate by 10%, it is **38.3917, 41.2888, 46.7622**.

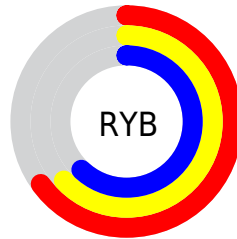
Distribution



Red (65%)

Green (63%)

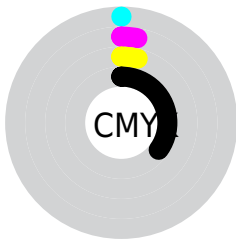
Blue (62%)



Red (65%)

Yellow (63%)

Blue (62%)

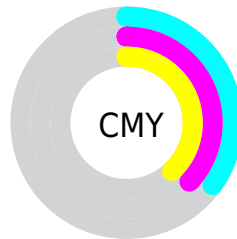


Cyan (0%)

Magenta (3%)

Yellow (4%)

Black (35%)



Cyan (35%)

Magenta (37%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.3459, 35.6441, 37.8707 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 34.3459, 35.6441, 37.8707 by changing the saturation by 10% instead.

■ 34.3459, 35.6441,
37.8707

■ 34.3459, 35.6441,
37.8707

313.2305,
327.4023, 352.3465

■ 23.3236, 24.1595,
25.5813

■ 65.8119, 68.4824,
73.1111

■ 14.9546, 15.4519,
16.2877

■ 86.9864, 90.6048,
96.8992

■ 8.8737, 9.1372,
9.5714

112.2756,
117.0420, 125.3573

■ 4.7153, 4.8308,
5.0139

142.0449,
148.1782, 158.9040

■ 2.1142, 2.1483,
2.1965

176.6597,
184.3980, 197.9577

■ 0.6969, 0.6916,
0.6724

216.4853,

■ 0.0000, 0.0000,

226.0857, 242.9370

0.0000

261.8872,
273.6256, 294.2604

■ 34.3459, 35.6441,
37.8707

■ 34.3459, 35.6441,
37.8707

■ 30.7566, 30.6058,
30.0753

■ 38.3917, 41.2888,
46.7622

■ 27.6049, 26.1491,
23.3313

■ 42.9064, 47.5543,
56.7875

■ 24.8747, 22.2544,
17.5943

■ 47.9054, 54.4604,
67.9856

■ 22.5479, 18.8993,
12.8156

■ 53.4026, 62.0247,
80.3928

■ 20.6051, 16.0598,
8.9429

■ 59.4114, 70.2639,
94.0437

■ 19.0251, 13.7101,
5.9186

■ 65.4573, 78.9995,
106.4062

■ 17.7848, 11.8221,
3.6784

■ 69.3273, 86.7395,
107.6962

■ 16.8583, 10.3648,
2.1490

■ 16.2153, 9.3034,
1.2427

Harmonies

Analogous

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



34.4500, 35.6441, 38.6562



34.3459, 35.6441, 37.8707



34.1166, 35.6441, 37.3428

Triad

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



34.3459, 35.6441, 37.8707



33.3623, 35.6441, 38.1344



33.9326, 35.6441, 40.4605

Complementary

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



34.3459, 35.6441, 37.8707



34.3652, 36.6382, 40.8586

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.



33.6418, 35.6441, 40.3159



34.3459, 35.6441, 37.8707



33.3136, 35.6441, 38.9650

Square

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



34.3459, 35.6441, 37.8707



33.5489, 35.6441, 37.4935



33.4157, 35.6441, 39.7654



34.2105, 35.6441, 40.1577

Rectangle

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



34.3459, 35.6441, 37.8707



33.9242, 35.6441, 37.2037



33.4157, 35.6441, 39.7654



33.8331, 35.6441, 40.4626

Sweetspot

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



34.3469, 35.6456, 37.8715



63.3285, 66.3778, 71.8002



34.6166, 35.4766, 40.1457



13.8540, 14.5242, 15.7168



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



34.3469, 35.6456, 37.8715



61.2141, 63.4211, 67.1736



34.8729, 36.6976, 38.0468



7.5417, 7.7966, 8.2252



12.0714, 6.7167, 0.6602



0.2790, 0.1919, 0.0223

Inverse Universe

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



34.3652, 36.6382, 40.8586



61.2507, 65.4065, 73.1488



33.8351, 35.5779, 40.6819



7.5469, 8.0753, 9.0640



11.9830, 15.7454, 29.3374



0.2769, 0.3811, 0.6248

Previews

White Background



This preview shows how the XYZ color 34.3459, 35.6441, 37.8707 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 34.3459, 35.6441, 37.8707 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 34.3459, 35.6441, 37.8707

Background



This preview shows how black text looks on a background with the XYZ color 34.3459, 35.6441, 37.8707.

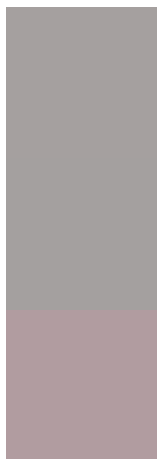


This preview shows how white text looks on a background with the XYZ color 34.3459, 35.6441,

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

34.3459, 35.6441, 37.8707

Protanopia

34.1387, 35.5373, 37.8610

Deuteranopia

36.3651, 35.6621, 38.2245



Tritanopia

35.5139, 35.6095, 43.5296

Trichromacy



Original Color

34.3459, 35.6441, 37.8707

Protanomaly

34.1387, 35.5373, 37.8610

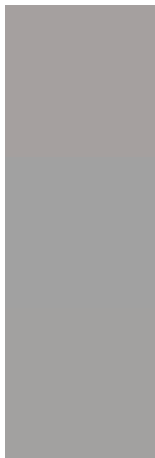
Deuteranomaly

35.6357, 35.5362, 38.2387

Tritanomaly

35.0991, 35.6933, 41.5988

Monochromacy



Original Color

34.3459, 35.6441, 37.8707

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

33.9903, 35.7092, 38.3588

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3459, 35.6441, 37.8707 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, 160, 159)` looks like.

```
.text, #text, p{  
    color:rgb(165, 160, 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(165, 160, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 160, 159) }
```

Border

The CSS property to change the border of an element to XYZ 34.3459, 35.6441, 37.8707 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, 160, 159) }
```


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

```
.border{ border-color:rgb(165, 160, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 160, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 160, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 160, 159);  
box-shadow:4px 4px 4px 4px rgb(165, 160,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3459, 35.6441, 37.8707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 160, 159) }
```

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

```
.background{ background-color: rgb(165,  
160, 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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