

Converting Colors

XYZ(34.7684, 35.2433, 35.9647)

Have a look what the booklet for
XYZ(34.7684, 35.2433, 35.9647)
contains.

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Color

**XYZ(34.7680, 35.1384,
35.9603)**

Conversions

Conversions Part 1

Format	Color
Hex	AB9D9B
RGB	171, 157, 155
RGB Percent	67%, 62%, 61%
CMY	0.3294, 0.3843, 0.3922
CMYK	0.00, 0.08, 0.09, 0.33
HSL	8°, 9%, 64%
HSV	8°, 9%, 67%
XYZ	34.7680, 35.1384, 35.9603
YIQ	160.9580, 8.9860, 2.3460

Conversions

Conversions Part 2

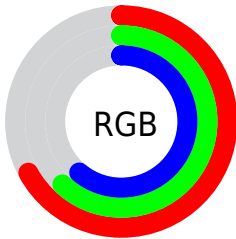
Format	Color
RYB	171, 157, 155
Decimal	11247003
CIELab	65.86, 4.76, 2.89
CIELCh	66, 5.566, 31.229
Yxy	35.1384, 0.3284, 0.3319
Android (android.graphics.Color)	4289437083 (0xFFAB9D9B)
YUV	160.9580, -2.9373, 8.8068
Hunter-Lab	59.2777, 0.9593, 5.5266

Details

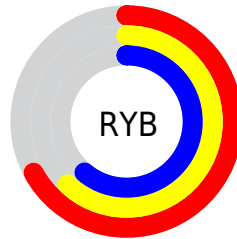
The XYZ color **34.7680, 35.1384, 35.9603** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.0563, 38.2843, 44.0706**, and the grayscale version is **33.8679, 35.6316, 38.8028**.

A 20% lighter version of the original color is **66.4161, 67.8592, 69.9192**, and **15.2605, 15.2295, 15.2320** is the 20% darker color. If you saturate the color by 10%, you get **31.0547, 29.8494, 28.1320**, and if you desaturate by 10%, it is **38.9966, 41.1317, 44.9646**.

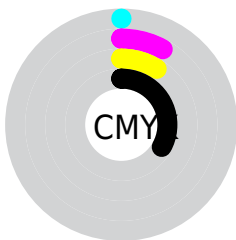
Distribution



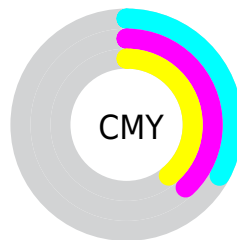
- Red (67%)
- Green (62%)
- Blue (61%)



- Red (67%)
- Yellow (62%)
- Blue (61%)



- Cyan (0%)
- Magenta (8%)
- Yellow (9%)
- Black (33%)





- Cyan (33%)
- Magenta (38%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.7680, 35.1384, 35.9603 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 34.7680, 35.1384, 35.9603 by changing the saturation by 10% instead.


 34.7680, 35.1384,
35.9603


 34.7680, 35.1384,
35.9603


315.0691,
325.1788, 343.8191

 23.6499, 23.7695,
24.1141


 66.4626, 67.7001,
70.1391

 15.1974, 15.1627,
15.2053


 87.7698, 89.6617,
93.3088

 9.0453, 8.9337,
8.8154


113.2041,
115.9230, 121.0901

 4.8281, 4.6979,
4.5258

143.1308,
146.8684, 153.9015

 2.1805, 2.0711,
1.9180

177.9153,
182.8823, 192.1616

 0.7324, 0.6483,
0.5041

217.9230,

 0.0000, 0.0000,

224.3491, 236.2889

0.0000

263.5191,
271.6531, 286.7019

■ 34.7680, 35.1384,
35.9603

■ 34.7680, 35.1384,
35.9603

■ 31.0547, 29.8494,
28.1320

■ 38.9966, 41.1317,
44.9646

■ 27.8341, 25.2343,
21.4289

■ 43.7561, 47.8490,
55.1884

■ 25.0863, 21.2674,
15.8000

■ 49.0652, 55.3151,
66.6757

■ 22.7889, 17.9197,
11.1893

■ 54.9406, 63.5520,
79.4674

■ 20.9175, 15.1596,
7.5357

■ 61.3986, 72.5811,
93.6030

■ 19.4456, 12.9533,
4.7716

■ 68.0328, 82.2540,
106.8986

■ 18.3435, 11.2628,
2.8207

■ 70.6048, 87.3981,
107.7560

■ 17.5774, 10.0460,
1.5935

■ 17.0948, 9.2484,
0.9157

Harmonies

Analogous

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



35.0034, 35.1384, 38.1627



34.7680, 35.1384, 35.9603



34.1646, 35.1384, 34.4271

Triad

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



34.7680, 35.1384, 35.9603



32.0315, 35.1384, 36.1219



33.4319, 35.1384, 42.9666

Complementary

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



34.7680, 35.1384, 35.9603



35.0563, 38.2843, 44.0706

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.



32.6429, 35.1384, 42.3667



34.7680, 35.1384, 35.9603



31.8424, 35.1384, 38.3569

Square

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



34.7680, 35.1384, 35.9603



32.5851, 35.1384, 34.5177



32.0645, 35.1384, 40.6552



34.2243, 35.1384, 42.2629

Rectangle

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



34.7680, 35.1384, 35.9603



33.6396, 35.1384, 33.9577



32.0645, 35.1384, 40.6552



33.1575, 35.1384, 42.9106

Sweetspot

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



34.7690, 35.1399, 35.9611



66.9320, 69.5481, 74.3175



35.6905, 34.9708, 42.4713



14.7905, 15.3174, 16.2841



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



34.7690, 35.1399, 35.9611



60.9781, 61.0987, 61.6713



36.1426, 37.8873, 36.4189



8.0831, 8.1709, 8.3645



12.8907, 6.9869, 0.6692



0.3834, 0.2439, 0.0269

Inverse Universe

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



35.0563, 38.2843, 44.0706



61.5859, 67.7529, 78.8336



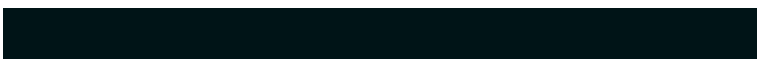
33.6370, 35.4458, 43.5975



8.1495, 8.8984, 10.2407



13.7409, 18.6156, 31.9135



0.4057, 0.5647, 0.8956

Previews

White Background



This preview shows how the XYZ color 34.7680, 35.1384, 35.9603 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 34.7680, 35.1384, 35.9603 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 34.7680, 35.1384, 35.9603

Background



This preview shows how black text looks on a background with the XYZ color 34.7680, 35.1384, 35.9603.



This preview shows how white text looks on a background with the XYZ color 34.7680, 35.1384,

35.9603.

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

34.7680, 35.1384, 35.9603

Protanopia

33.7087, 35.0891, 36.4487

Deuteranopia

35.7692, 35.1564, 35.9110



Tritanopia

35.9300, 35.1169, 41.4438

Trichromacy



Original Color

34.7680, 35.1384, 35.9603

Protanomaly

34.1640, 35.0695, 36.4209

Deuteranomaly

35.4841, 35.2575, 35.9455

Tritanomaly

35.5126, 35.1919, 39.5713

Monochromacy



Original Color

34.7680, 35.1384, 35.9603

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.3459, 35.6441, 37.8707

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.7680, 35.1384, 35.9603 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(171, 157, 155)` looks like.

```
.text, #text, p{  
    color:rgb(171, 157, 155)  
}
```

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(171, 157, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 157, 155) }
```

Border

The CSS property to change the border of an element to XYZ 34.7680, 35.1384, 35.9603 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(171, 157, 155) }
```


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

```
.border{ border-color:rgb(171, 157, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 157, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 157, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 157, 155);  
box-shadow:4px 4px 4px 4px rgb(171, 157,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 34.7680, 35.1384, 35.9603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 157, 155) }
```

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

```
.background{ background-color: rgb(171,  
157, 155) }
```

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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