

Converting Colors

XYZ(34.8934, 38.3374, 43.6262)

Have a look what the booklet for
XYZ(34.8934, 38.3374, 43.6262)
contains.

XYZ(34.7701, 38.1482, 43.5610)	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(34.7701, 38.1482,
43.5610)**

Conversions

Conversions Part 1

Format	Color
Hex	9AA9AA
RGB	154, 169, 170
RGB Percent	60%, 66%, 67%
CMY	0.3961, 0.3372, 0.3333
CMYK	0.09, 0.01, 0.00, 0.33
HSL	184°, 9%, 64%
HSV	184°, 9%, 67%
XYZ	34.7701, 38.1482, 43.5610
YIQ	164.6290, -9.2610, -2.8690

Conversions

Conversions Part 2

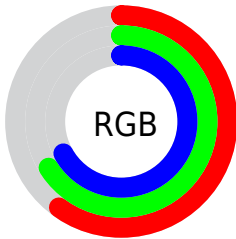
Format	Color
RYB	154, 162, 170
Decimal	10135978
CIELab	68.13, -5.03, -2.32
CIELCh	68, 5.541, 204.741
Yxy	38.1482, 0.2985, 0.3275
Android (android.graphics.Color)	4288326058 (0xFF9AA9AA)
YUV	164.6290, 2.6479, -9.3216
Hunter-Lab	61.7642, -7.6010, 1.4190

Details

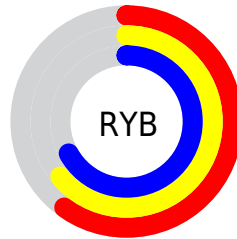
The XYZ color **34.7701, 38.1482, 43.5610** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.1319, 34.3218, 35.3984**, and the grayscale version is **35.5783, 37.4312, 40.7626**.

A 20% lighter version of the original color is **66.2587, 72.1574, 81.6697**, and **15.2248, 16.9141, 19.6019** is the 20% darker color. If you saturate the color by 10%, you get **31.5648, 36.2053, 43.3555**, and if you desaturate by 10%, it is **38.4374, 40.3338, 43.7902**.

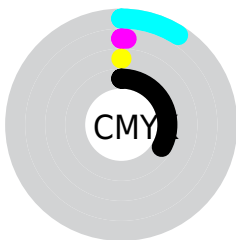
Distribution



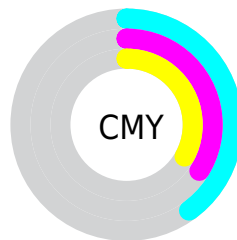
- Red (60%)
- Green (66%)
- Blue (67%)



- Red (60%)
- Yellow (64%)
- Blue (67%)



- Cyan (9%)
- Magenta (1%)
- Yellow (0%)
- Black (33%)



- Cyan (40%)
- Magenta (34%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.7701, 38.1482, 43.5610 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 34.7701, 38.1482, 43.5610 by changing the saturation by 10% instead.

■ 34.7701, 38.1482,
43.5610

■ 34.7701, 38.1482,
43.5610

315.0782,
338.2553, 376.9026

■ 23.6515, 26.0977,
29.9909

■ 66.4658, 72.3352,
81.8522

■ 15.1987, 16.8968,
19.5797

■ 87.7737, 95.2406,
107.4103

■ 9.0461, 10.1609,
11.9088

113.2087,
122.5330, 137.8015

■ 4.8286, 5.5058,
6.5598

143.1362,
154.5969, 173.4443

■ 2.1808, 2.5470,
3.1142

177.9215,
191.8167, 214.7573

■ 0.7326, 0.9001,
1.1532

217.9301,

■ 0.0000, 0.0000,

234.5768, 262.1590

0.0000

263.5272,
283.2615, 316.0679

■ 34.7701, 38.1482,
43.5610

■ 34.7701, 38.1482,
43.5610

■ 31.5648, 36.2053,
43.3555

■ 38.4374, 40.3338,
43.7902

■ 28.7992, 34.4903,
43.1703

■ 42.5816, 42.7665,
44.0413

■ 26.4537, 32.9943,
43.0051

■ 47.2207, 45.4567,
44.3161

■ 24.5062, 31.7059,
42.8591

■ 52.3710, 48.4129,
44.6152

■ 22.9326, 30.6126,
42.7310

■ 58.0479, 51.6430,
44.9395

■ 21.7061, 29.7005,
42.6196

■ 63.8967, 54.9640,
45.2722

■ 20.7961, 28.9539,
42.5234

■ 64.1043, 55.3794,
45.3415

■ 20.1671, 28.3545,
42.4409

■ 64.3136, 55.7980,
45.4112

■ 19.7464, 27.8649,
42.3686

■ 64.5246, 56.2198,
45.4815

Harmonies

Analogous

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



34.6287, 38.1482, 41.1021



34.7701, 38.1482, 43.5610



35.3077, 38.1482, 45.5461

Triad

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



34.7701, 38.1482, 43.5610



37.6328, 38.1482, 44.3457



36.4113, 38.1482, 36.9750

Complementary

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



34.7701, 38.1482, 43.5610



34.1319, 34.3218, 35.3984

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.



37.2267, 38.1482, 37.7702



34.7701, 38.1482, 43.5610



37.9391, 38.1482, 41.9747

Square

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



34.7701, 38.1482, 43.5610



36.9588, 38.1482, 46.0116



37.7892, 38.1482, 39.5765



35.5676, 38.1482, 37.3621

Rectangle

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



34.7701, 38.1482, 43.5610



35.8231, 38.1482, 46.3003



37.7892, 38.1482, 39.5765



36.6979, 38.1482, 37.1120

Sweetspot

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



34.7712, 38.1498, 43.5618



67.2177, 71.6853, 79.2958



33.6014, 37.9800, 36.4829



14.8705, 15.9152, 17.6759



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.



34.7712, 38.1498, 43.5618



61.9873, 68.5555, 78.9673



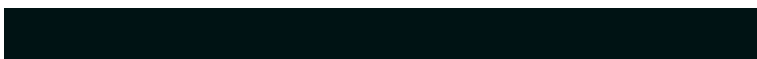
33.3627, 35.3327, 43.0923



7.7069, 8.4507, 9.6433



14.5235, 20.5071, 31.1683



0.3649, 0.5220, 0.7622

Inverse Universe

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



35.2955, 34.5226, 42.3412



63.1079, 60.8262, 76.3529



35.4727, 37.0033, 35.8453



7.8214, 7.6584, 9.3768



16.8314, 8.1413, 24.9873



0.4153, 0.2004, 0.6386

Previews

White Background



This preview shows how the XYZ color 34.7701, 38.1482, 43.5610 looks on a white background.

Color Contrast Check

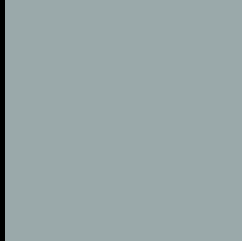
Large Text (above 18pt) WCAG AA × Fail

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 34.7701, 38.1482, 43.5610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

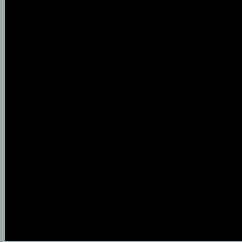
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

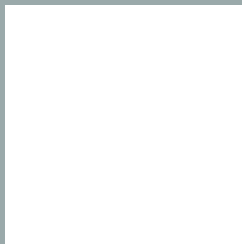
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.7701, 38.1482, 43.5610

Background



This preview shows how black text looks on a background with the XYZ color 34.7701, 38.1482, 43.5610.



This preview shows how white text looks on a background with the XYZ color 34.7701, 38.1482,

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

34.7701, 38.1482, 43.5610

Protanopia

36.6715, 38.0623, 42.4597

Deuteranopia

38.7817, 38.0520, 44.3305



Tritanopia

35.8695, 38.0415, 49.1683

Trichromacy



Original Color

34.7701, 38.1482, 43.5610

Protanomaly

35.9019, 37.9235, 42.9639

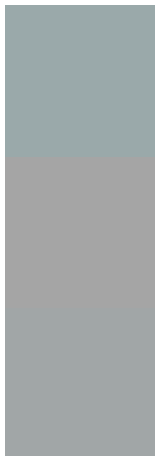
Deuteranomaly

37.2037, 38.0372, 43.9092

Tritanomaly

35.4560, 38.1482, 47.0896

Monochromacy



Original Color

34.7701, 38.1482, 43.5610

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.3092, 37.6395, 41.9634

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.7701, 38.1482, 43.5610 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(154, 169, 170)` looks like.

```
.text, #text, p{  
    color:rgb(154, 169, 170)  
}
```

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(154, 169, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 169, 170) }
```

Border

The CSS property to change the border of an element to XYZ 34.7701, 38.1482, 43.5610 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(154, 169, 170) }
```


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

```
.border{ border-color:rgb(154, 169, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 169, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(154, 169, 170); -webkit-box-shadow:4px 4px 4px 4px rgb(154, 169, 170); box-shadow:4px 4px 4px 4px rgb(154, 169, 170) }
```

Background

The CSS property to change the background color of an element to XYZ 34.7701, 38.1482, 43.5610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 169, 170) }
```

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

```
.background{ background-color: rgb(154,  
169, 170) }
```

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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