

Converting Colors

XYZ(33.9238, 34.7306, 38.6506)

Have a look what the booklet for
XYZ(33.9238, 34.7306, 38.6506)
contains.

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Color

**XYZ(33.7998, 34.5797,
38.6113)**

Conversions

Conversions Part 1

Format	Color
Hex	A49DA1
RGB	164, 157, 161
RGB Percent	64%, 62%, 63%
CMY	0.3569, 0.3843, 0.3686
CMYK	0.00, 0.04, 0.02, 0.36
HSL	326°, 4%, 63%
HSV	326°, 4%, 64%
XYZ	33.7998, 34.5797, 38.6113
YIQ	159.5490, 2.8880, 2.7280

Conversions

Conversions Part 2

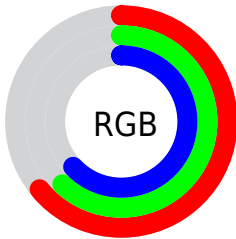
Format	Color
RYB	164, 157, 161
Decimal	10788257
CIELab	65.42, 3.29, -1.18
CIELCh	65, 3.496, 340.220
Yxy	34.5797, 0.3159, 0.3232
Android (android.graphics.Color)	4288978337 (0xFFA49DA1)
YUV	159.5490, 0.7153, 3.9035
Hunter-Lab	58.8045, -0.3092, 2.2331

Details

The XYZ color **33.7998, 34.5797, 38.6113** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.5265, 36.2579, 38.4909**, and the grayscale version is **33.2029, 34.9320, 38.0410**.

A 20% lighter version of the original color is **65.1516, 67.1049, 74.4844**, and **14.6506, 14.8786, 16.8515** is the 20% darker color. If you saturate the color by 10%, you get **30.6068, 29.1579, 34.5735**, and if you desaturate by 10%, it is **37.4021, 40.7634, 42.9584**.

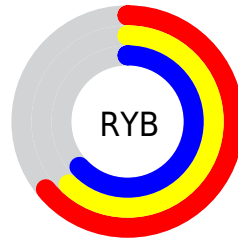
Distribution



Red (64%)

Green (62%)

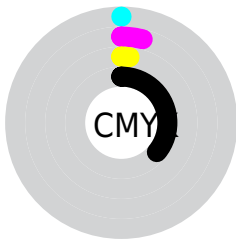
Blue (63%)



Red (64%)

Yellow (62%)

Blue (63%)

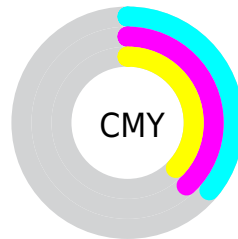


Cyan (0%)

Magenta (4%)

Yellow (2%)

Black (36%)



Cyan (36%)

Magenta (38%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.7998, 34.5797, 38.6113 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 33.7998, 34.5797, 38.6113 by changing the saturation by 10% instead.

■ 33.7998, 34.5797,
38.6113

■ 33.7998, 34.5797,
38.6113

310.8401,
322.7092, 355.6116

■ 22.9020, 23.3393,
26.1520

■ 64.9686, 66.8341,
74.2579

■ 14.6415, 14.8442,
16.7106

■ 85.9703, 88.6170,
98.2823

■ 8.6528, 8.7101,
9.8686

111.0706,
114.6827, 126.9988

■ 4.5707, 4.5526,
5.2075

140.6350,
145.4158, 160.8259

■ 2.0298, 1.9872,
2.3086

175.0288,
181.2006, 200.1822

■ 0.6506, 0.6000,
0.7360

214.6174,

■ 0.0000, 0.0000,

222.4215, 245.4862

0.0000

259.7660,
269.4629, 297.1565

■ 33.7998, 34.5797,
38.6113

■ 33.7998, 34.5797,
38.6113

■ 30.6068, 29.1579,
34.5735

■ 37.4021, 40.7634,
42.9584

■ 27.8049, 24.4637,
30.8350

■ 41.4252, 47.7324,
47.6201

■ 25.3787, 20.4671,
27.3881

■ 45.8838, 55.5150,
52.6045

■ 23.3108, 17.1340,
24.2240

■ 50.7911, 64.1364,
57.9185

■ 21.5822, 14.4276,
21.3335

■ 56.1596, 73.6209,
63.5689

■ 20.1722, 12.3074,
18.7064

■ 61.8720, 83.7334,
69.5190

■ 19.0577, 10.7280,
16.3320

■ 62.7303, 84.0767,
74.0387

■ 18.2121, 9.6375,
14.1979

■ 63.6271, 84.4354,
78.7612

■ 17.6034, 8.9733,
12.2902

■ 64.5629, 84.8097,
83.6891

Harmonies

Analogous

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



33.5052, 34.5797, 39.8402



33.7998, 34.5797, 38.6113



33.8430, 34.5797, 37.1546

Triad

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



33.7998, 34.5797, 38.6113



32.6930, 34.5797, 34.9507



32.1228, 34.5797, 39.4969

Complementary

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



33.7998, 34.5797, 38.6113



33.5265, 36.2579, 38.4909

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.



31.9099, 34.5797, 38.1526



33.7998, 34.5797, 38.6113



32.2369, 34.5797, 35.5443

Square

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



33.7998, 34.5797, 38.6113



33.2004, 34.5797, 35.0663



31.9515, 34.5797, 36.7076



32.5357, 34.5797, 40.3606

Rectangle

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



33.7998, 34.5797, 38.6113



33.7229, 34.5797, 36.2534



31.9515, 34.5797, 36.7076



32.0256, 34.5797, 39.0849

Sweetspot

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



33.8008, 34.5812, 38.6120



63.3940, 66.2606, 72.5867



33.2397, 34.2610, 39.9834



13.8674, 14.5000, 15.8789



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.



33.8008, 34.5812, 38.6120



60.8459, 61.9036, 69.4589



33.5037, 34.4624, 37.0479



7.5078, 7.6142, 8.5671



13.3015, 6.6766, 8.7781



0.3025, 0.1495, 0.3057

Inverse Universe

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



33.8008, 34.5812, 38.6120



60.8459, 61.9036, 69.4589



33.8294, 36.3790, 40.0857



7.5078, 7.6142, 8.5671



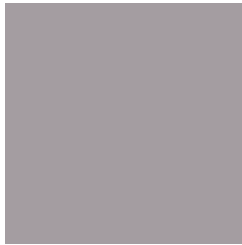
13.3015, 6.6766, 8.7781



0.3025, 0.1495, 0.3057

Previews

White Background



This preview shows how the XYZ color 33.7998, 34.5797, 38.6113 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 33.7998, 34.5797, 38.6113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

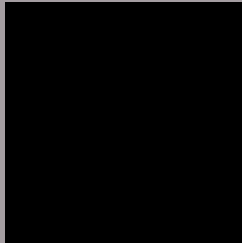
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.7998, 34.5797, 38.6113

Background



This preview shows how black text looks on a background with the XYZ color 33.7998, 34.5797, 38.6113.



This preview shows how white text looks on a background with the XYZ color 33.7998, 34.5797,

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

33.7998, 34.5797, 38.6113

Protanopia

33.4464, 34.6394, 39.1057

Deuteranopia

35.3108, 34.6041, 39.0006



Tritanopia

34.4734, 34.6034, 41.9080

Trichromacy



Original Color

33.7998, 34.5797, 38.6113

Protanomaly

33.6487, 34.7437, 39.1152

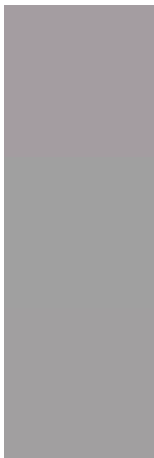
Deuteranomaly

34.8205, 34.5974, 39.0251

Tritanomaly

34.1970, 34.4929, 40.4527

Monochromacy



Original Color

33.7998, 34.5797, 38.6113

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.4412, 34.9114, 38.2337

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.7998, 34.5797, 38.6113 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(164, 157, 161)` looks like.

```
.text, #text, p{  
    color:rgb(164, 157, 161)  
}
```

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(164, 157, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 157, 161) }
```

Border

The CSS property to change the border of an element to XYZ 33.7998, 34.5797, 38.6113 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(164, 157, 161) }
```


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

```
.border{ border-color:rgb(164, 157, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 157, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 157, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 157, 161);  
box-shadow:4px 4px 4px 4px rgb(164, 157,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 33.7998, 34.5797, 38.6113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 157, 161) }
```

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

```
.background{ background-color: rgb(164,  
157, 161) }
```

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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