

Converting Colors

XYZ(33.3755, 34.9558, 34.6938)

Have a look what the booklet for
XYZ(33.3755, 34.9558, 34.6938)
contains.

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Color

**XYZ(33.3755, 34.9558,
34.6938)**

Conversions

Conversions Part 1

Format	Color
Hex	A49F98
RGB	164, 159, 152
RGB Percent	64%, 62%, 60%
CMY	0.3569, 0.3765, 0.4039
CMYK	0.00, 0.03, 0.07, 0.36
HSL	35°, 6%, 62%
HSV	35°, 7%, 64%
XYZ	33.3755, 34.9558, 34.6938
YIQ	159.6970, 5.2270, -1.1170

Conversions

Conversions Part 2

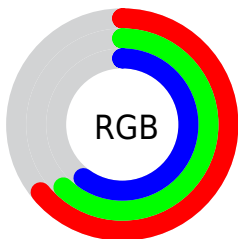
Format	Color
R _Y B	161, 164, 152
Decimal	10788760
CIE Lab	65.71, 0.53, 4.28
CIE LCh	66, 4.317, 82.907
Yxy	34.9558, 0.3240, 0.3393
Android (android.graphics.Color)	4288978840 (0xFFA49F98)
YUV	159.6970, -3.7946, 3.7737
Hunter-Lab	59.1234, -2.7018, 6.5949

Details

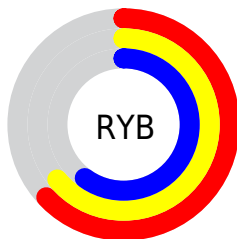
The XYZ color **33.3755, 34.9558, 34.6938** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.7067, 33.4692, 39.9115**, and the grayscale version is **33.2902, 35.0239, 38.1410**.

A 20% lighter version of the original color is **64.4006, 67.6094, 68.0482**, and **14.3936, 15.1095, 14.4697** is the 20% darker color. If you saturate the color by 10%, you get **30.9823, 32.1721, 27.7211**, and if you desaturate by 10%, it is **36.0213, 37.9466, 42.6680**.

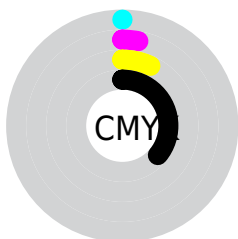
Distribution



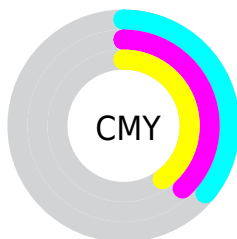
- Red (64%)
- Green (62%)
- Blue (60%)



- Red (63%)
- Yellow (64%)
- Blue (60%)



- Cyan (0%)
- Magenta (3%)
- Yellow (7%)
- Black (36%)



- Cyan (36%)
- Magenta (38%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.3755, 34.9558, 34.6938 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 33.3755, 34.9558, 34.6938 by changing the saturation by 10% instead.

■ 33.3755, 34.9558,
34.6938

■ 33.3755, 34.9558,
34.6938

308.9735,
324.3732, 338.0778

■ 22.5749, 23.6288,
23.1454

■ 64.3121, 67.4173,
68.1573

■ 14.3989, 15.0585,
14.4946

■ 85.1788, 89.3206,
90.9096

■ 8.4822, 8.8605,
8.3228

110.1315,
115.5181, 118.2335

■ 4.4594, 4.6503,
4.2115

139.5357,
146.3943, 150.5477

■ 1.9652, 2.0436,
1.7421

173.7566,
182.3335, 188.2707

■ 0.6143, 0.6326,
0.3893

213.1596,

■ 0.0000, 0.0000,

223.7201, 231.8210

0.0000

258.1102,
270.9386, 281.6172

■ 33.3755, 34.9558,
34.6938

■ 33.3755, 34.9558,
34.6938

■ 30.9823, 32.1721,
27.7211

■ 36.0213, 37.9466,
42.6680

■ 28.8302, 29.5859,
21.7072

■ 38.9250, 41.1449,
51.6792

■ 26.9110, 27.1934,
16.6101

■ 42.0952, 44.5568,
61.7643

■ 25.2148, 24.9888,
12.3833

■ 45.5395, 48.1870,
72.9574

■ 23.7312, 22.9661,
8.9766

■ 49.2648, 52.0396,
85.2912

■ 22.4484, 21.1188,
6.3342

■ 53.2780, 56.1190,
98.7971

■ 21.3534, 19.4399,
4.3936

■ 55.6266, 59.6456,
103.1887

■ 20.4312, 17.9213,
3.0821

■ 57.3151, 63.0227,
103.7515

■ 19.6590, 16.5520,
2.2851

■ 59.0760, 66.5446,
104.3385

Harmonies

Analogous

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



33.9666, 34.9558, 35.3381



33.3755, 34.9558, 34.6938



32.7512, 34.9558, 34.9285

Triad

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



33.3755, 34.9558, 34.6938



32.1119, 34.9558, 39.4389



34.2084, 34.9558, 40.2101

Complementary

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



33.3755, 34.9558, 34.6938



31.7067, 33.4692, 39.9115

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.



33.7022, 34.9558, 41.3752



33.3755, 34.9558, 34.6938



32.4932, 34.9558, 40.9202

Square

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



33.3755, 34.9558, 34.6938



32.0269, 34.9558, 37.6306



33.0738, 34.9558, 41.6391



34.4514, 34.9558, 38.4945

Rectangle

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



33.3755, 34.9558, 34.6938



32.3997, 34.9558, 35.5556



33.0738, 34.9558, 41.6391



34.0630, 34.9558, 40.6813

Sweetspot

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



33.3765, 34.9573, 34.6946



63.0600, 66.2705, 70.3858



32.6244, 32.7838, 36.5072



13.7986, 14.5021, 15.4252



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.



33.3765, 34.9573, 34.6946



59.7443, 62.4885, 60.4962



34.0477, 36.6049, 34.9772



7.4010, 7.7404, 7.4841



14.9735, 12.5209, 1.6276



0.3597, 0.3533, 0.0492

Inverse Universe

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



31.7067, 33.4692, 39.9115



55.9927, 59.1451, 72.2173



31.0664, 31.9096, 39.6442



6.9315, 7.3219, 8.9510



6.7814, 5.3422, 27.6035



0.1886, 0.2045, 0.5954

Previews

White Background



This preview shows how the XYZ color 33.3755, 34.9558, 34.6938 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 33.3755, 34.9558, 34.6938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

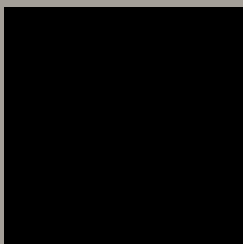
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

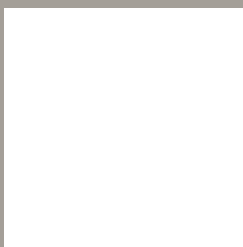
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.3755, 34.9558, 34.6938

Background



This preview shows how black text looks on a background with the XYZ color 33.3755, 34.9558, 34.6938.



This preview shows how white text looks on a background with the XYZ color 33.3755, 34.9558,

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

33.3755, 34.9558, 34.6938

Protanopia

33.3755, 34.9558, 34.6938

Deuteranopia

35.4368, 34.7582, 34.9783



Tritanopia

34.7758, 34.7485, 42.4104

Trichromacy



Original Color

33.3755, 34.9558, 34.6938

Protanomaly

33.3755, 34.9558, 34.6938

Deuteranomaly

34.6515, 34.8475, 35.0369

Tritanomaly

34.1849, 34.7576, 39.5575

Monochromacy



Original Color

33.3755, 34.9558, 34.6938

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.3546, 35.1530, 36.9255

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.3755, 34.9558, 34.6938 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, 159, 152)` looks like.

```
.text, #text, p{  
    color:rgb(164, 159, 152)  
}
```

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, 159, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 159, 152) }
```

Border

The CSS property to change the border of an element to XYZ 33.3755, 34.9558, 34.6938 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, 159, 152) }
```


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

```
.border{ border-color:rgb(164, 159, 152) }
```

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

Here you see how a box with a 4 pixel rgb(164, 159, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 159, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 159, 152);  
box-shadow:4px 4px 4px 4px rgb(164, 159,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 33.3755, 34.9558, 34.6938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 159, 152) }
```

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

```
.background{ background-color: rgb(164,  
159, 152) }
```

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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