

Converting Colors

XYZ(34.7898, 36.0632, 33.4104)

Have a look what the booklet for
XYZ(34.7898, 36.0632, 33.4104)
contains.

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Color

**XYZ(34.7902, 35.9695,
33.5429)**

Conversions

Conversions Part 1

Format	Color
Hex	ABA095
RGB	171, 160, 149
RGB Percent	67%, 63%, 58%
CMY	0.3294, 0.3725, 0.4157
CMYK	0.00, 0.06, 0.13, 0.33
HSL	30°, 12%, 63%
HSV	30°, 13%, 67%
XYZ	34.7902, 35.9695, 33.5429
YIQ	162.0350, 10.0870, -1.0890

Conversions

Conversions Part 2

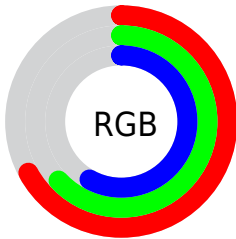
Format	Color
R _Y B	171, 171, 149
Decimal	11247765
CIE Lab	66.50, 2.08, 7.16
CIE LCh	66, 7.455, 73.831
Yxy	35.9695, 0.3336, 0.3449
Android (android.graphics.Color)	4289437845 (0xFFABA095)
YUV	162.0350, -6.4263, 7.8623
Hunter-Lab	59.9746, -1.4108, 8.8222

Details

The XYZ color **34.7902, 35.9695, 33.5429** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.3157, 34.4706, 43.4786**, and the grayscale version is **34.3857, 36.1765, 39.3962**.

A 20% lighter version of the original color is **66.4440, 69.0814, 66.3320**, and **15.2810, 15.7411, 13.7882** is the 20% darker color. If you saturate the color by 10%, you get **32.0931, 32.6019, 26.3956**, and if you desaturate by 10%, it is **37.7916, 39.6243, 41.7815**.

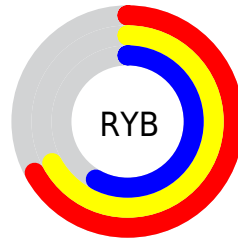
Distribution



Red (67%)

Green (63%)

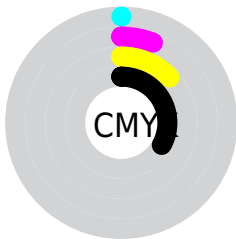
Blue (58%)



Red (67%)

Yellow (67%)

Blue (58%)

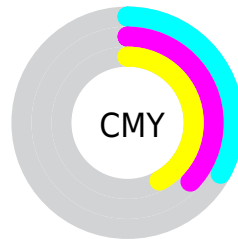


Cyan (0%)

Magenta (6%)

Yellow (13%)

Black (33%)



Cyan (33%)

Magenta (37%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.7902, 35.9695, 33.5429 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 34.7902, 35.9695, 33.5429 by changing the saturation by 10% instead.

■ 34.7902, 35.9695,
33.5429

■ 34.7902, 35.9695,
33.5429

315.1656,
328.8272, 332.7957

■ 23.6671, 24.4106,
22.2682

■ 66.4968, 68.9850,
66.3480

■ 15.2102, 15.6385,
13.8539

■ 87.8110, 91.2104,
88.7153

■ 9.0543, 9.2687,
7.8815

113.2529,
117.7601, 115.6174

■ 4.8340, 4.9169,
3.9325

143.1878,
149.0186, 147.4725

■ 2.1840, 2.1986,
1.5884

177.9812,
185.3701, 184.6994

■ 0.7343, 0.7192,
0.2825

217.9984,

■ 0.0000, 0.0000,

227.1991, 227.7166

0.0000

263.6047,
274.8900, 276.9425

■ 34.7902, 35.9695,
33.5429

■ 34.7902, 35.9695,
33.5429

■ 32.0931, 32.6019,
26.3956

■ 37.7916, 39.6243,
41.7815

■ 29.6867, 29.5091,
20.2909

■ 41.1046, 43.5687,
51.1528

■ 27.5605, 26.6848,
15.1795

■ 44.7398, 47.8111,
61.6988

■ 25.7022, 24.1206,
11.0074

■ 48.7063, 52.3584,
73.4588

■ 24.0985, 21.8076,
7.7155

■ 53.0129, 57.2169,
86.4700

■ 22.7347, 19.7362,
5.2376

■ 57.6682, 62.3928,
100.7683

■ 21.5941, 17.8959,
3.4981

■ 60.3947, 66.9780,
104.3526

■ 20.6572, 16.2747,
2.4069

■ 62.6935, 71.5755,
105.1189

■ 20.0849, 15.2384,
1.8827

■ 65.1086, 76.4057,
105.9239

Harmonies

Analogous

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



35.7626, 35.9695, 35.0529



34.7902, 35.9695, 33.5429



33.6765, 35.9695, 33.4843

Triad

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



34.7902, 35.9695, 33.5429



32.1423, 35.9695, 40.6554



35.6988, 35.9695, 43.7771

Complementary

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



34.7902, 35.9695, 33.5429



32.3157, 34.4706, 43.4786

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.



34.7046, 35.9695, 45.4537



34.7902, 35.9695, 33.5429



32.6601, 35.9695, 43.5860

Square

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



34.7902, 35.9695, 33.5429



32.1641, 35.9695, 37.4748



33.5927, 35.9695, 45.3819



36.2950, 35.9695, 40.9046

Rectangle

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



34.7902, 35.9695, 33.5429



33.0047, 35.9695, 34.2687



33.5927, 35.9695, 45.3819



35.3991, 35.9695, 44.5060

Sweetspot

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



34.7912, 35.9711, 33.5437



67.0053, 70.1484, 72.9433



33.8876, 32.6913, 37.7821



14.8509, 15.5327, 16.0125



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.



34.7912, 35.9711, 33.5437



61.1004, 62.9279, 56.8271



36.7826, 39.9540, 34.2075



8.3237, 8.6523, 8.4447



15.1937, 11.5928, 1.4368



0.4774, 0.4320, 0.0582

Inverse Universe

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



32.3157, 34.4706, 43.4786



55.9257, 59.7913, 77.5952



30.4930, 30.8252, 42.8711



7.8972, 8.3938, 10.1566



8.0710, 7.2760, 30.0235



0.2793, 0.3120, 0.8535

Previews

White Background



This preview shows how the XYZ color 34.7902, 35.9695, 33.5429 looks on a white background.

Color Contrast Check

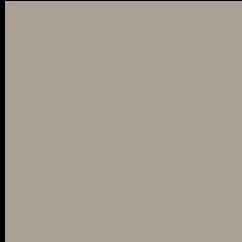
Large Text (above 18pt) WCAG AA × Fail

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 34.7902, 35.9695, 33.5429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

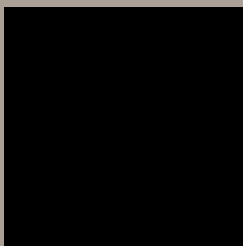
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

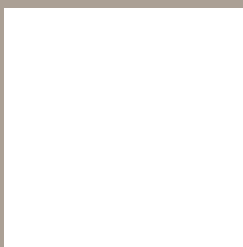
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.7902, 35.9695, 33.5429

Background



This preview shows how black text looks on a background with the XYZ color 34.7902, 35.9695, 33.5429.

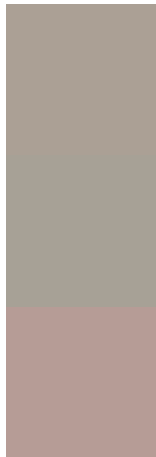


This preview shows how white text looks on a background with the XYZ color 34.7902, 35.9695,

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

34.7902, 35.9695, 33.5429

Protanopia

34.1862, 35.9072, 33.9831

Deuteranopia

36.6849, 35.9240, 33.8547



Tritanopia

36.6740, 35.9772, 42.5475

Trichromacy



Original Color

34.7902, 35.9695, 33.5429

Protanomaly

34.3983, 36.0166, 33.9931

Deuteranomaly

35.9221, 35.7809, 33.8673

Tritanomaly

35.9820, 35.9466, 39.2243

Monochromacy



Original Color

34.7902, 35.9695, 33.5429

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.3477, 35.9234, 37.0219

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.7902, 35.9695, 33.5429 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, 160, 149)` looks like.

```
.text, #text, p{  
    color:rgb(171, 160, 149)  
}
```

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, 160, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 160, 149) }
```

Border

The CSS property to change the border of an element to XYZ 34.7902, 35.9695, 33.5429 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, 160, 149) }
```


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

```
.border{ border-color:rgb(171, 160, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 160, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 160, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 160, 149);  
box-shadow:4px 4px 4px 4px rgb(171, 160,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 34.7902, 35.9695, 33.5429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 160, 149) }
```

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

```
.background{ background-color: rgb(171,  
160, 149) }
```

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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