

Converting Colors

XYZ(34.2953, 33.7392, 33.9836)

Have a look what the booklet for
XYZ(34.2953, 33.7392, 33.9836)
contains.

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Color

**XYZ(34.2697, 33.6895,
33.9747)**

Conversions

Conversions Part 1

Format	Color
Hex	AE9897
RGB	174, 152, 151
RGB Percent	68%, 60%, 59%
CMY	0.3176, 0.4039, 0.4078
CMYK	0.00, 0.13, 0.13, 0.32
HSL	3°, 12%, 64%
HSV	3°, 13%, 68%
XYZ	34.2697, 33.6895, 33.9747
YIQ	158.4640, 13.4330, 4.3530

Conversions

Conversions Part 2

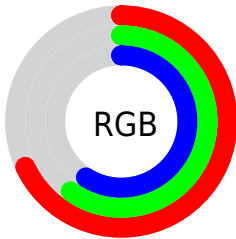
Format	Color
RYB	174, 152, 151
Decimal	11442327
CIELab	64.72, 7.96, 3.51
CIELCh	65, 8.701, 23.803
Yxy	33.6895, 0.3362, 0.3305
Android (android.graphics.Color)	4289632407 (0xFFAE9897)
YUV	158.4640, -3.6798, 13.6251
Hunter-Lab	58.0427, 3.8158, 5.9250

Details

The XYZ color **34.2697, 33.6895, 33.9747** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.3459, 39.5216, 45.8102**, and the grayscale version is **32.7229, 34.4270, 37.4910**.

A 20% lighter version of the original color is **65.7239, 65.3734, 66.9119**, and **14.8391, 14.2924, 14.0332** is the 20% darker color. If you saturate the color by 10%, you get **30.4457, 28.1383, 26.2352**, and if you desaturate by 10%, it is **38.6831, 40.0851, 42.9404**.

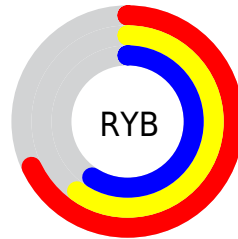
Distribution



Red (68%)

Green (60%)

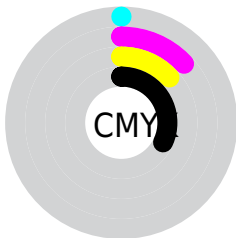
Blue (59%)



Red (68%)

Yellow (60%)

Blue (59%)

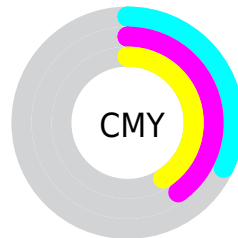


Cyan (0%)

Magenta (13%)

Yellow (13%)

Black (32%)



Cyan (32%)


Magenta (40%)


Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.2697, 33.6895, 33.9747 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 34.2697, 33.6895, 33.9747 by changing the saturation by 10% instead.


 34.2697, 33.6895,
33.9747


 34.2697, 33.6895,
33.9747


312.8978,
318.7453, 334.7849

 23.2647, 22.6552,
22.5970


 65.6944, 65.4505,
67.0278

 14.9109, 14.3391,
14.0937


 86.8448, 86.9460,
89.5402

 8.8428, 8.3569,
8.0464

112.1077,
112.6973, 116.6012

 4.6951, 4.3242,
4.0364

141.8485,
143.0889, 148.6295

 2.1024, 1.8565,
1.6454

176.4326,
178.5051, 186.0434

 0.6905, 0.5220,
0.3229

216.2252,

 0.0000, 0.0000,

219.3303, 229.2616

0.0000

261.5919,
265.9489, 278.7026

■ 34.2697, 33.6895,
33.9747

■ 34.2697, 33.6895,
33.9747

■ 30.4457, 28.1383,
26.2352

■ 38.6831, 40.0851,
42.9404

■ 27.1836, 23.3919,
19.6667

■ 43.7065, 47.3534,
53.1803

■ 24.4576, 19.4144,
14.2129

■ 49.3628, 55.5273,
64.7420

■ 22.2392, 16.1653,
9.8117

■ 55.6730, 64.6364,
77.6703

■ 20.4969, 13.6004,
6.3954

■ 62.6571, 74.7090,
92.0080

■ 19.1958, 11.6708,
3.8883

■ 70.2695, 85.7463,
107.4548

■ 18.2963, 10.3211,
2.2033

■ 71.2657, 87.7387,
107.7869

■ 17.7516, 9.4863,
1.2369

■ 17.5381, 9.1635,
0.8444

Harmonies

Analogous

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



34.4692, 33.6895, 37.4300



34.2697, 33.6895, 33.9747



33.4608, 33.6895, 31.4050

Triad

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



34.2697, 33.6895, 33.9747



30.1209, 33.6895, 32.7669



31.7622, 33.6895, 43.9565

Complementary

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



34.2697, 33.6895, 33.9747



35.3459, 39.5216, 45.8102

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.



30.6229, 33.6895, 42.5196



34.2697, 33.6895, 33.9747



29.6913, 33.6895, 35.9443

Square

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



34.2697, 33.6895, 33.9747



31.0610, 33.6895, 30.7400



29.8726, 33.6895, 39.5297



33.0003, 33.6895, 43.3445

Rectangle

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



34.2697, 33.6895, 33.9747



32.6957, 33.6895, 30.4634



29.8726, 33.6895, 39.5297



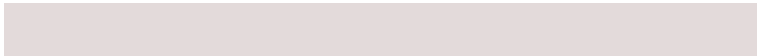
31.3553, 33.6895, 43.6943

Sweetspot

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



34.2706, 33.6910, 33.9754



69.4419, 71.6599, 76.4136



36.0880, 34.1585, 44.3452



15.2951, 15.7257, 16.7008



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



34.2706, 33.6910, 33.9754



59.9253, 57.8651, 57.0923



36.1865, 37.5226, 34.6140



8.0322, 8.0693, 8.3475



12.7319, 6.6692, 0.6162



0.3631, 0.2033, 0.0201

Inverse Universe

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



35.3459, 39.5216, 45.8102



62.2775, 70.6215, 82.9858



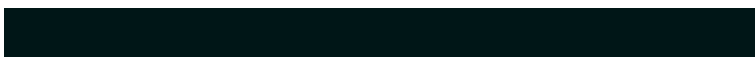
33.2763, 35.3826, 45.1204



8.2060, 9.0113, 10.2595



15.4977, 22.1293, 32.4991



0.4401, 0.6335, 0.9071

Previews

White Background



This preview shows how the XYZ color 34.2697, 33.6895, 33.9747 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 34.2697, 33.6895, 33.9747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

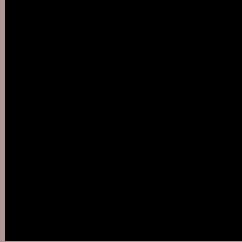
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.2697, 33.6895, 33.9747

Background



This preview shows how black text looks on a background with the XYZ color 34.2697, 33.6895, 33.9747.



This preview shows how white text looks on a background with the XYZ color 34.2697, 33.6895,

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

34.2697, 33.6895, 33.9747

Protanopia

32.3362, 33.6539, 34.9285

Deuteranopia

34.2697, 33.6895, 33.9747



Tritanopia

35.1071, 33.5353, 38.8050

Trichromacy



Original Color

34.2697, 33.6895, 33.9747

Protanomaly

33.1147, 33.8167, 34.4877

Deuteranomaly

34.2697, 33.6895, 33.9747

Tritanomaly

34.9174, 33.7158, 37.0152

Monochromacy



Original Color

34.2697, 33.6895, 33.9747

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

33.1147, 34.0360, 35.8346

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2697, 33.6895, 33.9747 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(174, 152, 151)` looks like.

```
.text, #text, p{  
    color:rgb(174, 152, 151)  
}
```

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(174, 152, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 152, 151) }
```

Border

The CSS property to change the border of an element to XYZ 34.2697, 33.6895, 33.9747 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(174, 152, 151) }
```


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

```
.border{ border-color:rgb(174, 152, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 152, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 152, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 152, 151);  
box-shadow:4px 4px 4px 4px rgb(174, 152,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2697, 33.6895, 33.9747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 152, 151) }
```

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

```
.background{ background-color: rgb(174,  
152, 151) }
```

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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