

Converting Colors

XYZ(34.5606, 33.3427, 34.7512)

Have a look what the booklet for
XYZ(34.5606, 33.3427, 34.7512)
contains.

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Color

**XYZ(34.5606, 33.3427,
34.7512)**

Conversions

Conversions Part 1

Format	Color
Hex	B09699
RGB	176, 150, 153
RGB Percent	69%, 59%, 60%
CMY	0.3098, 0.4117, 0.4000
CMYK	0.00, 0.15, 0.13, 0.31
HSL	353°, 14%, 64%
HSV	353°, 15%, 69%
XYZ	34.5606, 33.3427, 34.7512
YIQ	158.1160, 14.5330, 6.4450

Conversions

Conversions Part 2

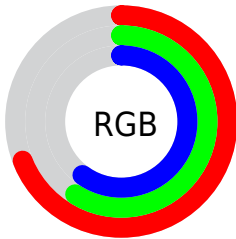
Format	Color
RYB	176, 150, 153
Decimal	11572889
CIELab	64.44, 10.16, 2.01
CIElCh	64, 10.359, 11.170
Yxy	33.3427, 0.3367, 0.3248
Android (android.graphics.Color)	4289762969 (0xFFB09699)
YUV	158.1160, -2.5222, 15.6843
Hunter-Lab	57.7431, 5.7859, 4.7381

Details

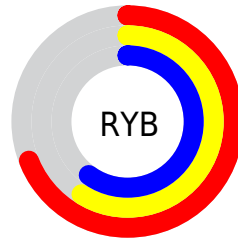
The XYZ color **34.5606, 33.3427, 34.7512** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.6471, 40.5527, 45.4858**, and the grayscale version is **32.5592, 34.2548, 37.3035**.

A 20% lighter version of the original color is **66.1341, 64.8465, 68.0625**, and **15.0285, 14.0939, 14.4987** is the 20% darker color. If you saturate the color by 10%, you get **30.7571, 27.6611, 27.5469**, and if you desaturate by 10%, it is **38.9557, 39.9381, 42.9816**.

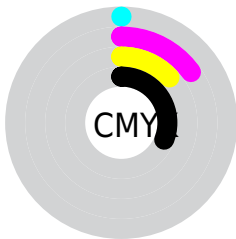
Distribution



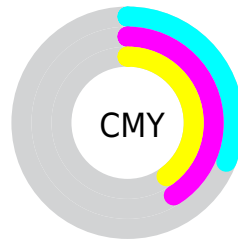
- Red (69%)
- Green (59%)
- Blue (60%)



- Red (69%)
- Yellow (59%)
- Blue (60%)



- Cyan (0%)
- Magenta (15%)
- Yellow (13%)
- Black (31%)





- Cyan (31%)
- Magenta (41%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.5606, 33.3427, 34.7512 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 34.5606, 33.3427, 34.7512 by changing the saturation by 10% instead.


 34.5606, 33.3427,
34.7512

 34.5606, 33.3427,
34.7512


314.1667,
317.1911, 338.3396

 23.4895, 22.3891,
23.1893


 66.1430, 64.9102,
68.2473

 15.0781, 14.1431,
14.5267

 87.3851, 86.2929,
91.0186

 8.9609, 8.2203,
8.3450


112.7482,
111.9207, 118.3635

 4.7726, 4.2362,
4.2256

142.5977,
142.1781, 150.7004

 2.1478, 1.8066,
1.7499

177.2989,
177.4495, 188.4479

 0.7150, 0.4913,
0.3946

217.2172,

 0.0000, 0.0000,

218.1192, 232.0246

0.0000

262.7181,
264.5716, 281.8490

■ 34.5606, 33.3427,
34.7512

■ 34.5606, 33.3427,
34.7512

■ 30.7571, 27.6611,
27.5469

■ 38.9557, 39.9381,
42.9816

■ 27.5172, 22.8487,
21.3263

■ 43.9632, 47.4804,
52.2738

■ 24.8147, 18.8639,
16.0474

■ 49.6064, 56.0066,
62.6647

■ 22.6205, 15.6601,
11.6639

■ 55.9067, 65.5502,
74.1887

■ 20.9025, 13.1858,
8.1261

■ 62.8842, 76.1434,
86.8784

■ 19.6248, 11.3835,
5.3790

■ 70.3651, 87.4303,
100.7011

■ 18.7468, 10.1870,
3.3613

■ 71.7146, 87.9702,
107.8079

■ 18.2193, 9.5159,
2.0023

■ 18.0335, 9.2817,
1.5164

Harmonies

Analogous

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



34.4566, 33.3427, 38.9942



34.5606, 33.3427, 34.7512



33.8780, 33.3427, 31.2080

Triad

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



34.5606, 33.3427, 34.7512



29.8578, 33.3427, 30.5183



30.7832, 33.3427, 44.5619

Complementary

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



34.5606, 33.3427, 34.7512



35.6471, 40.5527, 45.4858

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.



29.6006, 33.3427, 41.9278



34.5606, 33.3427, 34.7512



29.0779, 33.3427, 33.7415

Square

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



34.5606, 33.3427, 34.7512



31.1441, 33.3427, 28.8937



28.9853, 33.3427, 37.9035



32.2447, 33.3427, 44.8851

Rectangle

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



34.5606, 33.3427, 34.7512



33.0809, 33.3427, 29.6336



28.9853, 33.3427, 37.9035



30.3411, 33.3427, 43.9083

Sweetspot

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



34.5615, 33.3442, 34.7519



71.2518, 73.3356, 79.0709



35.9700, 33.8292, 45.7085



15.3041, 15.6866, 16.8801



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.



34.5615, 33.3442, 34.7519



60.1170, 56.6362, 58.1874



35.9755, 36.5634, 34.0173



8.5349, 8.5207, 9.0491



13.2431, 6.8148, 1.1742



0.4294, 0.2195, 0.1041

Inverse Universe

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



34.5615, 33.3442, 34.7519



60.1170, 56.6362, 58.1874



34.0577, 36.9044, 46.4029



8.5349, 8.5207, 9.0491



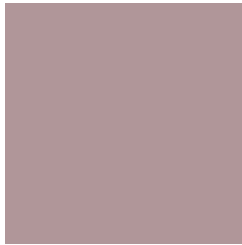
13.2431, 6.8148, 1.1742



0.4294, 0.2195, 0.1041

Previews

White Background



This preview shows how the XYZ color 34.5606, 33.3427, 34.7512 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 34.5606, 33.3427, 34.7512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

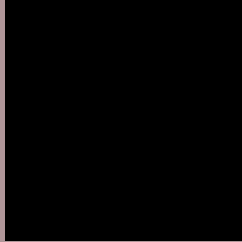
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.5606, 33.3427, 34.7512

Background



This preview shows how black text looks on a background with the XYZ color 34.5606, 33.3427, 34.7512.



This preview shows how white text looks on a background with the XYZ color 34.5606, 33.3427,

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

34.5606, 33.3427, 34.7512

Protanopia

32.1873, 33.5482, 36.2315

Deuteranopia

34.0500, 33.3174, 34.7733



Tritanopia

35.2241, 33.3801, 37.8442

Trichromacy



Original Color

34.5606, 33.3427, 34.7512

Protanomaly

32.9890, 33.4771, 35.7334

Deuteranomaly

34.2719, 33.4318, 34.7836

Tritanomaly

34.9647, 33.2763, 36.4784

Monochromacy



Original Color

34.5606, 33.3427, 34.7512

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

33.2391, 33.8423, 36.2328

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.5606, 33.3427, 34.7512 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(176, 150, 153)` looks like.

```
.text, #text, p{  
    color:rgb(176, 150, 153)  
}
```

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(176, 150, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 150, 153) }
```

Border

The CSS property to change the border of an element to XYZ 34.5606, 33.3427, 34.7512 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(176, 150, 153) }
```


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

```
.border{ border-color:rgb(176, 150, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 150, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 150, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 150, 153);  
box-shadow:4px 4px 4px 4px rgb(176, 150,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5606, 33.3427, 34.7512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 150, 153) }
```

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

```
.background{ background-color: rgb(176,  
150, 153) }
```

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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