

Converting Colors

XYZ(35.7759, 34.8866, 40.7218)

Have a look what the booklet for
XYZ(35.7759, 34.8866, 40.7218)
contains.

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Color

**XYZ(35.6721, 34.7486,
40.9034)**

Conversions

Conversions Part 1

Format	Color
Hex	AD9AA6
RGB	173, 154, 166
RGB Percent	68%, 60%, 65%
CMY	0.3216, 0.3961, 0.3490
CMYK	0.00, 0.11, 0.04, 0.32
HSL	322°, 10%, 64%
HSV	322°, 11%, 68%
XYZ	35.6721, 34.7486, 40.9034
YIQ	161.0490, 7.4720, 7.7600

Conversions

Conversions Part 2

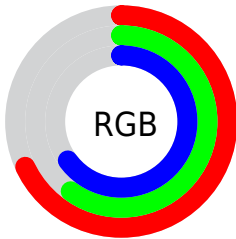
Format	Color
RYB	173, 154, 166
Decimal	11377318
CIELab	65.55, 9.14, -3.70
CIELCh	66, 9.864, 337.954
Yxy	34.7486, 0.3204, 0.3121
Android (android.graphics.Color)	4289567398 (0xFFAD9AA6)
YUV	161.0490, 2.4408, 10.4810
Hunter-Lab	58.9479, 4.8596, 0.1228

Details

The XYZ color **35.6721, 34.7486, 40.9034** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.7043, 39.3313, 39.4827**, and the grayscale version is **33.8864, 35.6512, 38.8241**.

A 20% lighter version of the original color is **67.6019, 66.8262, 77.7424**, and **15.7727, 14.9803, 17.9798** is the 20% darker color. If you saturate the color by 10%, you get **32.4499, 29.2166, 37.0156**, and if you desaturate by 10%, it is **39.3368, 41.1182, 45.0825**.

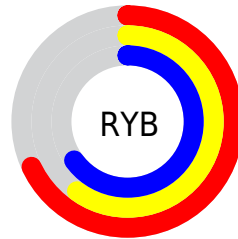
Distribution



Red (68%)

Green (60%)

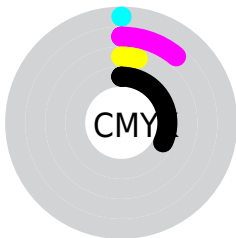
Blue (65%)



Red (68%)

Yellow (60%)

Blue (65%)

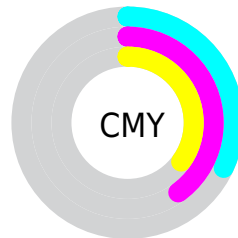


Cyan (0%)

Magenta (11%)

Yellow (4%)

Black (32%)



Cyan (32%)


Magenta (40%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.6721, 34.7486, 40.9034 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 35.6721, 34.7486, 40.9034 by changing the saturation by 10% instead.


 35.6721, 34.7486,
40.9034


 35.6721, 34.7486,
40.9034


318.9814,
323.4573, 365.5814

 24.3500, 23.4693,
27.9245


 67.8528, 67.0961,
77.7893

 15.7196, 14.9404,
18.0302


 89.4422, 88.9331,
102.5334

 9.4155, 8.7776,
10.8020


115.1847,
115.0581, 132.0362

 5.0725, 4.5964,
5.8214

145.4456,
145.8556, 166.7164

 2.3250, 2.0125,
2.6697

180.5904,
181.7098, 206.9925

 0.8074, 0.6147,
0.9281

220.9844,

 0.0000, 0.0000,

223.0052, 253.2830

0.0000

266.9929,
270.1263, 306.0064

■ 35.6721, 34.7486,
40.9034

■ 35.6721, 34.7486,
40.9034

■ 32.4499, 29.2166,
37.0156

■ 39.3368, 41.1182,
45.0825

■ 29.6494, 24.4826,
33.4090

■ 43.4578, 48.3541,
49.5584

■ 27.2522, 20.5102,
30.0756

■ 48.0523, 56.4890,
54.3391

■ 25.2376, 17.2588,
27.0066

■ 53.1352, 65.5527,
59.4316

■ 23.5830, 14.6836,
24.1921

■ 58.7212, 75.5735,
64.8425

■ 22.2631, 12.7350,
21.6215

■ 63.9228, 84.7760,
70.2780

■ 21.2494, 11.3565,
19.2830

■ 64.7046, 85.0887,
74.3947

■ 20.5080, 10.4812,
17.1628

■ 65.5180, 85.4140,
78.6783

■ 20.0078, 9.9939,
15.4142

■ 66.3635, 85.7522,
83.1305

Harmonies

Analogous

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



34.7671, 34.7486, 44.4675



35.6721, 34.7486, 40.9034



35.8583, 34.7486, 36.7441

Triad

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



35.6721, 34.7486, 40.9034



32.6443, 34.7486, 30.4846



30.8834, 34.7486, 42.9468

Complementary

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



35.6721, 34.7486, 40.9034



34.7043, 39.3313, 39.4827

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.



30.3498, 34.7486, 38.9479



35.6721, 34.7486, 40.9034



31.3469, 34.7486, 31.8978

Square

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



35.6721, 34.7486, 40.9034



34.0821, 34.7486, 30.9245



30.5170, 34.7486, 34.9246



31.9949, 34.7486, 45.7059

Rectangle

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



35.6721, 34.7486, 40.9034



35.5448, 34.7486, 34.2242



30.5170, 34.7486, 34.9246



30.6320, 34.7486, 41.6920

Sweetspot

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



35.6731, 34.7501, 40.9041



69.0240, 71.1517, 79.1463



33.7910, 33.7036, 44.2601



14.8841, 15.2601, 17.0693



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.



35.6731, 34.7501, 40.9041



62.5239, 59.8810, 71.6475



34.8364, 34.4154, 36.4982



8.2100, 8.0972, 9.4165



14.7268, 7.3533, 11.4725



0.4349, 0.2146, 0.4517

Inverse Universe

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



35.6731, 34.7501, 40.9041



62.5239, 59.8810, 71.6475



35.5710, 39.6780, 44.0466



8.2100, 8.0972, 9.4165



14.7268, 7.3533, 11.4725



0.4349, 0.2146, 0.4517

Previews

White Background



This preview shows how the XYZ color 35.6721, 34.7486, 40.9034 looks on a white background.

Color Contrast Check

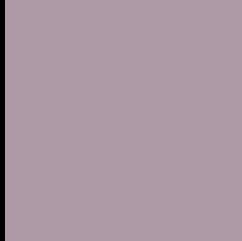
Large Text (above 18pt) WCAG AA × Fail

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 35.6721, 34.7486, 40.9034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

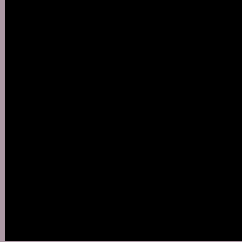
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.6721, 34.7486, 40.9034

Background



This preview shows how black text looks on a background with the XYZ color 35.6721, 34.7486, 40.9034.



This preview shows how white text looks on a background with the XYZ color 35.6721, 34.7486,

40.9034.

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

35.6721, 34.7486, 40.9034

Protanopia

33.6864, 34.6892, 42.4563

Deuteranopia

35.4518, 34.6350, 40.8931



Tritanopia

35.6721, 34.7486, 40.9034

Trichromacy



Original Color

35.6721, 34.7486, 40.9034

Protanomaly

34.4347, 34.8336, 41.9544

Deuteranomaly

35.4518, 34.6350, 40.8931

Tritanomaly

35.6721, 34.7486, 40.9034

Monochromacy



Original Color

35.6721, 34.7486, 40.9034

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.3548, 35.0974, 39.6141

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6721, 34.7486, 40.9034 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(173, 154, 166)` looks like.

```
.text, #text, p{  
    color:rgb(173, 154, 166)  
}
```

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(173, 154, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 154, 166) }
```

Border

The CSS property to change the border of an element to XYZ 35.6721, 34.7486, 40.9034 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(173, 154, 166) }
```


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

```
.border{ border-color:rgb(173, 154, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 154, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 154, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 154, 166);  
box-shadow:4px 4px 4px 4px rgb(173, 154,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6721, 34.7486, 40.9034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 154, 166) }
```

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

```
.background{ background-color: rgb(173,  
154, 166) }
```

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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