

Converting Colors

XYZ(35.2869, 33.7771, 41.4773)

Have a look what the booklet for
XYZ(35.2869, 33.7771, 41.4773)
contains.

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Color

**XYZ(35.3681, 33.8446,
41.7144)**

Conversions

Conversions Part 1

Format	Color
Hex	AD97A8
RGB	173, 151, 168
RGB Percent	68%, 59%, 66%
CMY	0.3216, 0.4078, 0.3412
CMYK	0.00, 0.13, 0.03, 0.32
HSL	314°, 12%, 64%
HSV	314°, 13%, 68%
XYZ	35.3681, 33.8446, 41.7144
YIQ	159.5160, 7.6550, 9.9510

Conversions

Conversions Part 2

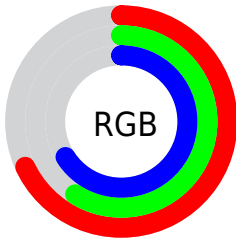
Format	Color
R _Y B	173, 151, 168
Decimal	11376552
CIE Lab	64.84, 11.19, -5.88
CIE LCh	65, 12.641, 332.280
Yxy	33.8446, 0.3188, 0.3051
Android (android.graphics.Color)	4289566632 (0xFFAD97A8)
YUV	159.5160, 4.1826, 11.8255
Hunter-Lab	58.1761, 6.7107, -1.7898

Details

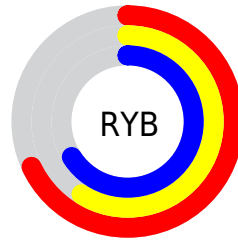
The XYZ color **35.3681, 33.8446, 41.7144** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.7081, 38.8677, 37.1799**, and the grayscale version is **33.1708, 34.8982, 38.0042**.

A 20% lighter version of the original color is **67.4637, 65.6484, 78.9277**, and **15.5947, 14.4402, 18.4883** is the 20% darker color. If you saturate the color by 10%, you get **32.4251, 28.5356, 38.9534**, and if you desaturate by 10%, it is **38.7327, 39.9781, 44.6714**.

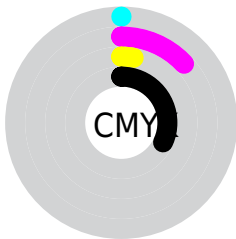
Distribution



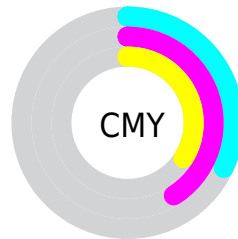
- Red (68%)
- Green (59%)
- Blue (66%)



- Red (68%)
- Yellow (59%)
- Blue (66%)



- Cyan (0%)
- Magenta (13%)
- Yellow (3%)
- Black (32%)





- Cyan (32%)
- Magenta (41%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.3681, 33.8446, 41.7144 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 35.3681, 33.8446, 41.7144 by changing the saturation by 10% instead.


 35.3681, 33.8446,
41.7144


 35.3681, 33.8446,
41.7144


317.6698,
319.4386, 369.0623

 24.1144, 22.7742,
28.5538

 67.3859, 65.6919,
79.0326

 15.5437, 14.4269,
18.5009


 88.8807, 87.2377,
104.0273

 9.2906, 8.4182,
11.1370


114.5199,
113.0441, 133.8039

 4.9899, 4.3637,
6.0438

144.6689,
143.4954, 168.7807

 2.2760, 1.8790,
2.8025

179.6931,
178.9761, 209.3764

 0.7823, 0.5357,
0.9947

219.9577,

 0.0000, 0.0000,

219.8707, 256.0096

0.0000

265.8281,
266.5633, 309.0987

■ 35.3681, 33.8446,
41.7144

■ 35.3681, 33.8446,
41.7144

■ 32.4251, 28.5356,
38.9534

■ 38.7327, 39.9781,
44.6714

■ 29.8830, 24.0113,
36.3799

■ 42.5327, 46.9649,
47.8282

■ 27.7235, 20.2349,
33.9876

■ 46.7849, 54.8382,
51.1914

■ 25.9261, 17.1653,
31.7693

■ 51.5043, 63.6276,
54.7663

■ 24.4679, 14.7571,
29.7167

■ 56.7052, 73.3617,
58.5583

■ 23.3237, 12.9598,
27.8210

■ 62.4012, 84.0677,
62.5723

■ 22.4644, 11.7155,
26.0720

■ 62.9040, 84.3684,
64.9126

■ 21.8553, 10.9552,
24.4576

■ 63.3562, 84.5493,
67.2939

■ 21.5144, 10.5966,
23.3478

■ 63.8202, 84.7349,
69.7374

Harmonies

Analogous

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



34.0745, 33.8446, 45.9946



35.3681, 33.8446, 41.7144



35.7949, 33.8446, 36.4535

Triad

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



35.3681, 33.8446, 41.7144



32.0292, 33.8446, 27.7128



29.2982, 33.8446, 42.4694

Complementary

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



35.3681, 33.8446, 41.7144



33.7081, 38.8677, 37.1799

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.



28.7953, 33.8446, 37.2514



35.3681, 33.8446, 41.7144



30.3345, 33.8446, 29.0074

Square

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



35.3681, 33.8446, 41.7144



33.8244, 33.8446, 28.6686



29.1675, 33.8446, 32.3811



30.5671, 33.8446, 46.4587

Rectangle

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



35.3681, 33.8446, 41.7144



35.5179, 33.8446, 33.1787



29.1675, 33.8446, 32.3811



29.0362, 33.8446, 40.7847

Sweetspot

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



35.3691, 33.8461, 41.7151



68.5062, 70.0216, 79.2651



32.2760, 32.1967, 44.0492



14.7877, 15.0340, 17.1397



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.



35.3691, 33.8461, 41.7151



61.9305, 58.0563, 73.4164



34.4071, 33.4613, 36.6495



8.2580, 8.1165, 9.6694



15.8277, 7.7936, 17.2700



0.4592, 0.2244, 0.5800

Inverse Universe

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



35.3691, 33.8461, 41.7151



61.9305, 58.0563, 73.4164



34.6607, 39.2488, 42.1961



8.2580, 8.1165, 9.6694



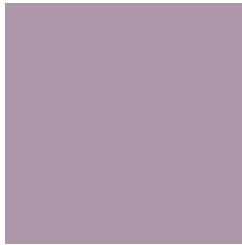
15.8277, 7.7936, 17.2700



0.4592, 0.2244, 0.5800

Previews

White Background



This preview shows how the XYZ color 35.3681, 33.8446, 41.7144 looks on a white background.

Color Contrast Check

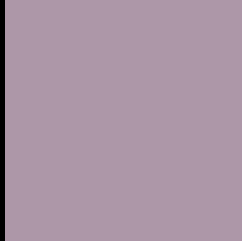
Large Text (above 18pt) WCAG AA × Fail

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 35.3681, 33.8446, 41.7144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

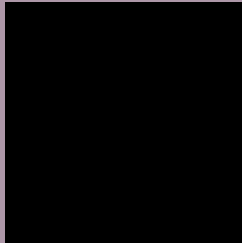
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.3681, 33.8446, 41.7144

Background



This preview shows how black text looks on a background with the XYZ color 35.3681, 33.8446, 41.7144.



This preview shows how white text looks on a background with the XYZ color 35.3681, 33.8446,

41.7144.

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

35.3681, 33.8446, 41.7144

Protanopia

32.9495, 33.7851, 43.3126

Deuteranopia

34.6076, 33.9344, 41.7718



Tritanopia

34.9423, 33.9075, 39.8251

Trichromacy



Original Color

35.3681, 33.8446, 41.7144

Protanomaly

33.7116, 33.6949, 42.7572

Deuteranomaly

34.8737, 33.8297, 41.7375

Tritanomaly

35.0330, 33.9437, 40.3027

Monochromacy



Original Color

35.3681, 33.8446, 41.7144

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

34.1849, 34.7576, 39.5575

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3681, 33.8446, 41.7144 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, 151, 168)` looks like.

```
.text, #text, p{  
    color:rgb(173, 151, 168)  
}
```

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, 151, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 151, 168) }
```

Border

The CSS property to change the border of an element to XYZ 35.3681, 33.8446, 41.7144 is called "border". The border property can be set on classes, ids or directly on the HTML element.

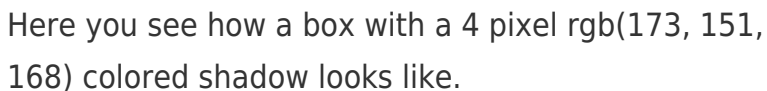
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(173, 151, 168) }
```


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

```
.border{ border-color:rgb(173, 151, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(173, 151, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 151, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 151, 168); box-shadow:4px 4px 4px 4px rgb(173, 151, 168) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3681, 33.8446, 41.7144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 151, 168) }
```

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

```
.background{ background-color: rgb(173,  
151, 168) }
```

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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