

Converting Colors

XYZ(37.5636, 35.3654, 43.2036)

Have a look what the booklet for
XYZ(37.5636, 35.3654, 43.2036)
contains.

XYZ(37.5643, 35.4260, 43.3861)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(37.5643, 35.4260,
43.3861)**

Conversions

Conversions Part 1

Format	Color
Hex	B499AB
RGB	180, 153, 171
RGB Percent	71%, 60%, 67%
CMY	0.2941, 0.4000, 0.3294
CMYK	0.00, 0.15, 0.05, 0.29
HSL	320°, 15%, 65%
HSV	320°, 15%, 71%
XYZ	37.5643, 35.4260, 43.3861
YIQ	163.1250, 10.3140, 11.3220

Conversions

Conversions Part 2

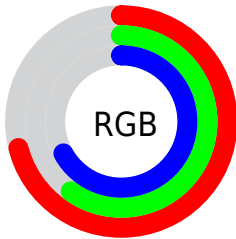
Format	Color
RYB	180, 153, 171
Decimal	11835819
CIELab	66.08, 13.14, -5.66
CIELCh	66, 14.306, 336.708
Yxy	35.4260, 0.3228, 0.3044
Android (android.graphics.Color)	4290025899 (0xFFB499AB)
YUV	163.1250, 3.8824, 14.7994
Hunter-Lab	59.5197, 8.4960, -1.5548

Details

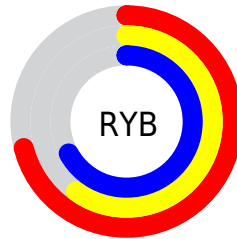
The XYZ color **37.5643, 35.4260, 43.3861** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.9811, 42.0244, 40.3995**, and the grayscale version is **34.8514, 36.6664, 39.9297**.

A 20% lighter version of the original color is **70.6324, 67.9495, 81.3443**, and **16.8335, 15.3467, 19.5277** is the 20% darker color. If you saturate the color by 10%, you get **34.2787, 29.7491, 39.5329**, and if you desaturate by 10%, it is **41.3223, 42.0052, 47.5258**.

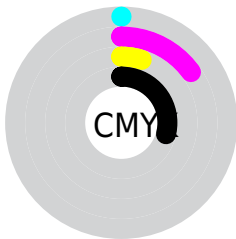
Distribution



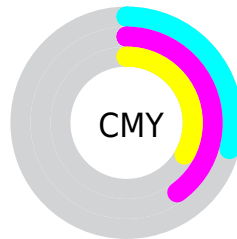
- Red (71%)
- Green (60%)
- Blue (67%)



- Red (71%)
- Yellow (60%)
- Blue (67%)



- Cyan (0%)
- Magenta (15%)
- Yellow (5%)
- Black (29%)





- Cyan (29%)
- Magenta (40%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.5643, 35.4260, 43.3861 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 37.5643, 35.4260, 43.3861 by changing the saturation by 10% instead.


 37.5643, 35.4260,
43.3861


 37.5643, 35.4260,
43.3861

327.0605,
326.4447, 376.1650

 25.8204, 23.9912,
29.8545

 70.7480, 68.1452,
81.5858

 16.8213, 15.3271,
19.4771


 92.9186, 90.1984,
107.0910

 10.2017, 9.0493,
11.8352


119.2954,
116.5598, 137.4244

 5.5962, 4.7733,
6.5104

150.2438,
147.6139, 173.0047

 2.6394, 2.1149,
3.0841

186.1291,
183.7451, 214.2504

 0.9661, 0.6730,
1.1377

227.3168,

 0.0000, 0.0000,

225.3376, 261.5800

0.0000

274.1721,
272.7760, 315.4120

■ 37.5643, 35.4260,
43.3861

■ 37.5643, 35.4260,
43.3861

■ 34.2787, 29.7491,
39.5329

■ 41.3223, 42.0052,
47.5258

■ 31.4423, 24.9301,
35.9554

■ 45.5687, 49.5195,
51.9576

■ 29.0345, 20.9277,
32.6456

■ 50.3222, 58.0055,
56.6899

■ 27.0316, 17.6954,
29.5937

■ 55.5999, 67.4966,
61.7299

■ 25.4078, 15.1818,
26.7894

■ 61.4178, 78.0247,
67.0846

■ 24.1341, 13.3296,
24.2212

■ 65.8458, 85.7287,
72.1120

■ 23.1768, 12.0723,
21.8759

■ 66.5937, 86.0279,
76.0503

■ 22.4952, 11.3288,
19.7382

■ 67.3698, 86.3383,
80.1370

■ 22.2124, 11.0593,
18.7311

■ 68.1743, 86.6601,
84.3738

Harmonies

Analogous

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



36.1725, 35.4260, 48.7322



37.5643, 35.4260, 43.3861



37.8933, 35.4260, 37.2225

Triad

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



37.5643, 35.4260, 43.3861



33.1965, 35.4260, 28.0819



30.5016, 35.4260, 45.9965

Complementary

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



37.5643, 35.4260, 43.3861



35.9811, 42.0244, 40.3995

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.



29.7753, 35.4260, 39.9555



37.5643, 35.4260, 43.3861



31.2883, 35.4260, 29.9338

Square

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



37.5643, 35.4260, 43.3861



35.3125, 35.4260, 28.7947



30.0571, 35.4260, 34.1295



32.0818, 35.4260, 50.3466

Rectangle

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



37.5643, 35.4260, 43.3861



37.4537, 35.4260, 33.5504



30.0571, 35.4260, 34.1295



30.1526, 35.4260, 44.0732

Sweetspot

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



37.5653, 35.4276, 43.3869



75.6032, 77.3577, 86.8978



34.5312, 33.7609, 47.8771



16.2229, 16.5125, 18.6561



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



37.5653, 35.4276, 43.3869



66.0480, 60.6520, 76.2993



36.3435, 34.9388, 36.9525



8.7272, 8.5976, 10.0618



15.5348, 7.7315, 13.2423



0.5145, 0.2536, 0.5521

Inverse Universe

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



37.5653, 35.4276, 43.3869



66.0480, 60.6520, 76.2993



37.2464, 42.5306, 47.0623



8.7272, 8.5976, 10.0618



15.5348, 7.7315, 13.2423



0.5145, 0.2536, 0.5521

Previews

White Background



This preview shows how the XYZ color 37.5643, 35.4260, 43.3861 looks on a white background.

Color Contrast Check

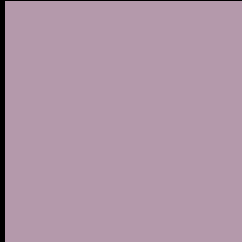
Large Text (above 18pt) WCAG AA × Fail

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 37.5643, 35.4260, 43.3861 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 37.5643, 35.4260, 43.3861

Background



This preview shows how black text looks on a background with the XYZ color 37.5643, 35.4260, 43.3861.



This preview shows how white text looks on a background with the XYZ color 37.5643, 35.4260,

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

37.5643, 35.4260, 43.3861

Protanopia

34.6067, 35.6077, 45.6064

Deuteranopia

36.1574, 35.4499, 42.9670



Tritanopia

37.0289, 35.4481, 40.9669

Trichromacy



Original Color

37.5643, 35.4260, 43.3861

Protanomaly

35.6333, 35.3854, 44.9964

Deuteranomaly

36.6562, 35.4589, 42.9425

Tritanomaly

37.2139, 35.5221, 41.9408

Monochromacy



Original Color

37.5643, 35.4260, 43.3861

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.6433, 35.9845, 41.1435

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.5643, 35.4260, 43.3861 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(180, 153, 171)` looks like.

```
.text, #text, p{  
    color:rgb(180, 153, 171)  
}
```

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(180, 153, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 153, 171) }
```

Border

The CSS property to change the border of an element to XYZ 37.5643, 35.4260, 43.3861 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(180, 153, 171) }
```


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

```
.border{ border-color:rgb(180, 153, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 153, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 153, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 153, 171);  
box-shadow:4px 4px 4px 4px rgb(180, 153,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 37.5643, 35.4260, 43.3861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 153, 171) }
```

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

```
.background{ background-color: rgb(180,  
153, 171) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor