

Converting Colors

XYZ(35.7113, 35.2632, 41.0543)

Have a look what the booklet for
XYZ(35.7113, 35.2632, 41.0543)
contains.

XYZ(35.7847, 35.3008, 41.0041)	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(35.7847, 35.3008,
41.0041)**

Conversions

Conversions Part 1

Format	Color
Hex	AC9CA6
RGB	172, 156, 166
RGB Percent	67%, 61%, 65%
CMY	0.3255, 0.3882, 0.3490
CMYK	0.00, 0.09, 0.03, 0.33
HSL	323°, 9%, 64%
HSV	323°, 9%, 67%
XYZ	35.7847, 35.3008, 41.0041
YIQ	161.9240, 6.3260, 6.5020

Conversions

Conversions Part 2

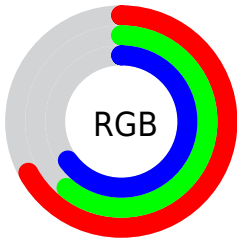
Format	Color
RYB	172, 156, 166
Decimal	11312294
CIELab	65.98, 7.67, -3.08
CIELCh	66, 8.265, 338.121
Yxy	35.3008, 0.3193, 0.3149
Android (android.graphics.Color)	4289502374 (0xFFAC9CA6)
YUV	161.9240, 2.0095, 8.8367
Hunter-Lab	59.4145, 3.5333, 0.6719

Details

The XYZ color **35.7847, 35.3008, 41.0041** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.9858, 39.1826, 39.9034**, and the grayscale version is **34.2968, 36.0829, 39.2943**.

A 20% lighter version of the original color is **67.7763, 67.6445, 77.8911**, and **15.8346, 15.3111, 18.0404** is the 20% darker color. If you saturate the color by 10%, you get **32.5236, 29.7017, 37.0704**, and if you desaturate by 10%, it is **39.4862, 41.7323, 45.2319**.

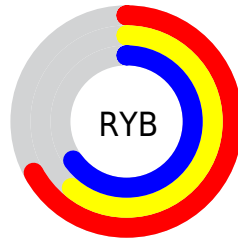
Distribution



Red (67%)

Green (61%)

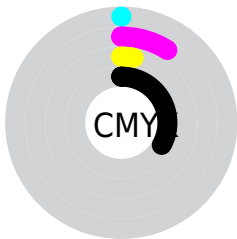
Blue (65%)



Red (67%)

Yellow (61%)

Blue (65%)

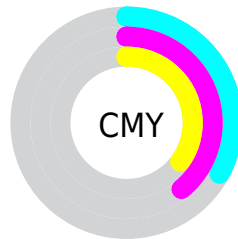


Cyan (0%)

Magenta (9%)

Yellow (3%)

Black (33%)



Cyan (33%)

Magenta (39%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.7847, 35.3008, 41.0041 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 35.7847, 35.3008, 41.0041 by changing the saturation by 10% instead.

■ 35.7847, 35.3008,
41.0041

■ 35.7847, 35.3008,
41.0041

319.4662,
325.8941, 366.0149

■ 24.4373, 23.8947,
28.0026

■ 68.0257, 67.9515,
77.9439

■ 15.7848, 15.2555,
18.0885

■ 89.6500, 89.9649,
102.7192

■ 9.4619, 8.9989,
10.8435

115.4306,
116.2827, 132.2561

■ 5.1032, 4.7405,
5.8488

145.7329,
147.2896, 166.9733

■ 2.3433, 2.0958,
2.6861

180.9223,
183.3697, 207.2892

■ 0.8167, 0.6623,
0.9364

221.3640,

■ 0.0000, 0.0000,

224.9076, 253.6224

0.0000

267.4236,
272.2876, 306.3915

■ 35.7847, 35.3008,
41.0041

■ 35.7847, 35.3008,
41.0041

■ 32.5236, 29.7017,
37.0704

■ 39.4862, 41.7323,
45.2319

■ 29.6824, 24.8960,
33.4207

■ 43.6416, 49.0239,
49.7592

■ 27.2434, 20.8484,
30.0472

■ 48.2676, 57.2077,
54.5939

■ 25.1863, 17.5195,
26.9409

■ 53.3789, 66.3128,
59.7430

■ 23.4892, 14.8657,
24.0924

■ 58.9898, 76.3670,
65.2131

■ 22.1276, 12.8391,
21.4911

■ 63.7578, 84.6845,
70.5588

■ 21.0740, 11.3853,
19.1253

■ 64.5515, 85.0020,
74.7380

■ 20.2960, 10.4404,
16.9820

■ 65.3776, 85.3324,
79.0883

■ 19.7301, 9.8783,
15.0374

■ 66.2365, 85.6760,
83.6116

Harmonies

Analogous

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



35.0267, 35.3008, 43.9883



35.7847, 35.3008, 41.0041



35.9373, 35.3008, 37.4920

Triad

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



35.7847, 35.3008, 41.0041



33.2209, 35.3008, 32.1410



31.7342, 35.3008, 42.7507

Complementary

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



35.7847, 35.3008, 41.0041



34.9858, 39.1826, 39.9034

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.



31.2754, 35.3008, 39.3969



35.7847, 35.3008, 41.0041



32.1199, 35.3008, 33.3728

Square

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



35.7847, 35.3008, 41.0041



34.4373, 35.3008, 32.5134



31.4148, 35.3008, 35.9785



32.6827, 35.3008, 45.0387

Rectangle

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



35.7847, 35.3008, 41.0041



35.6717, 35.3008, 35.3455



31.4148, 35.3008, 35.9785



31.5186, 35.3008, 41.7028

Sweetspot

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



35.7857, 35.3023, 41.0049



69.0181, 71.1493, 79.1150



34.2095, 34.4247, 43.8719



14.8825, 15.2594, 17.0607



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.



35.7857, 35.3023, 41.0049



63.7371, 62.0020, 72.9938



35.0860, 35.0225, 37.3204



8.2077, 8.0963, 9.4048



14.6820, 7.3353, 11.2365



0.4338, 0.2142, 0.4462

Inverse Universe

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



35.7857, 35.3023, 41.0049



63.7371, 62.0020, 72.9938



35.7071, 39.4711, 43.7016



8.2077, 8.0963, 9.4048



14.6820, 7.3353, 11.2365



0.4338, 0.2142, 0.4462

Previews

White Background



This preview shows how the XYZ color 35.7847, 35.3008, 41.0041 looks on a white background.

Color Contrast Check

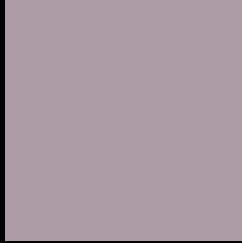
Large Text (above 18pt) WCAG AA × Fail

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 35.7847, 35.3008, 41.0041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

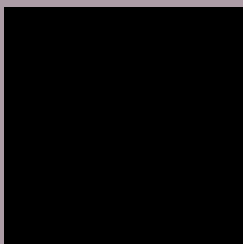
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

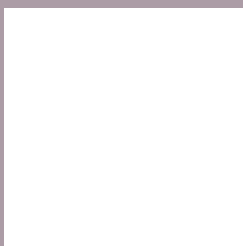
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.7847, 35.3008, 41.0041

Background



This preview shows how black text looks on a background with the XYZ color 35.7847, 35.3008, 41.0041.



This preview shows how white text looks on a background with the XYZ color 35.7847, 35.3008,

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

35.7847, 35.3008, 41.0041

Protanopia

34.1640, 35.2005, 42.0395

Deuteranopia

36.0050, 35.4143, 41.0144



Tritanopia

35.9696, 35.3747, 41.9780

Trichromacy



Original Color

35.7847, 35.3008, 41.0041

Protanomaly

34.7190, 35.2431, 41.5319

Deuteranomaly

36.0050, 35.4143, 41.0144

Tritanomaly

35.8768, 35.3376, 41.4891

Monochromacy



Original Color

35.7847, 35.3008, 41.0041

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.9075, 35.8929, 39.7385

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.7847, 35.3008, 41.0041 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(172, 156, 166)` looks like.

```
.text, #text, p{  
    color:rgb(172, 156, 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(172, 156, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 156, 166) }
```

Border

The CSS property to change the border of an element to XYZ 35.7847, 35.3008, 41.0041 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(172, 156, 166) }
```


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

```
.border{ border-color:rgb(172, 156, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 156, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 156, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 156, 166);  
box-shadow:4px 4px 4px 4px rgb(172, 156,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 35.7847, 35.3008, 41.0041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 156, 166) }
```

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

```
.background{ background-color: rgb(172,  
156, 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](#).

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