

Converting Colors

XYZ(36.0448, 36.5743, 41.4496)

Have a look what the booklet for
XYZ(36.0448, 36.5743, 41.4496)
contains.

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Color

**XYZ(35.9900, 36.6779,
41.2591)**

Conversions

Conversions Part 1

Format	Color
Hex	A9A1A6
RGB	169, 161, 166
RGB Percent	66%, 63%, 65%
CMY	0.3373, 0.3686, 0.3490
CMYK	0.00, 0.05, 0.02, 0.34
HSL	323°, 4%, 65%
HSV	323°, 5%, 66%
XYZ	35.9900, 36.6779, 41.2591
YIQ	163.9620, 3.1630, 3.2510

Conversions

Conversions Part 2

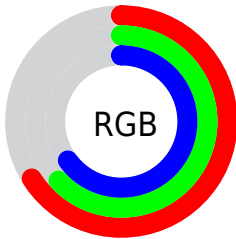
Format	Color
RYB	169, 161, 166
Decimal	11116966
CIELab	67.03, 3.82, -1.56
CIELCh	67, 4.129, 337.746
Yxy	36.6779, 0.3159, 0.3219
Android (android.graphics.Color)	4289307046 (0xFFA9A1A6)
YUV	163.9620, 1.0047, 4.4183
Hunter-Lab	60.5623, 0.0922, 2.0013

Details

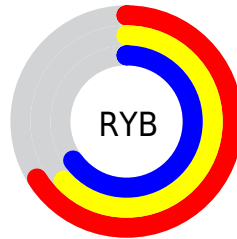
The XYZ color **35.9900, 36.6779, 41.2591** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.5881, 38.6343, 40.7053**, and the grayscale version is **35.2637, 37.1002, 40.4021**.

A 20% lighter version of the original color is **68.3475, 70.1795, 78.3503**, and **15.9493, 16.1487, 18.1960** is the 20% darker color. If you saturate the color by 10%, you get **32.6670, 30.9394, 37.3528**, and if you desaturate by 10%, it is **39.7429, 43.2294, 45.4510**.

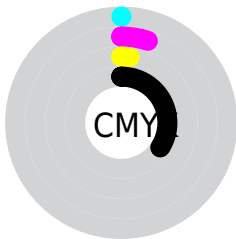
Distribution



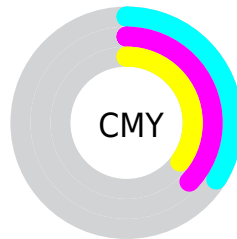
- Red (66%)
- Green (63%)
- Blue (65%)



- Red (66%)
- Yellow (63%)
- Blue (65%)



- Cyan (0%)
- Magenta (5%)
- Yellow (2%)
- Black (34%)



- Cyan (34%)
- Magenta (37%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.9900, 36.6779, 41.2591 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 35.9900, 36.6779, 41.2591 by changing the saturation by 10% instead.

■ 35.9900, 36.6779,
41.2591

■ 35.9900, 36.6779,
41.2591

320.3488,
331.9139, 367.1110

■ 24.5965, 24.9582,
28.2004

■ 68.3406, 70.0771,
78.3350

■ 15.9039, 16.0459,
18.2364

■ 90.0285, 92.5254,
103.1893

■ 9.5466, 9.5567,
10.9486

115.8785,
119.3187, 132.8124

■ 5.1593, 5.1060,
5.9186

146.2561,
150.8414, 167.6231

■ 2.3768, 2.3096,
2.7276

181.5265,
187.4779, 208.0397

■ 0.8335, 0.7788,
0.9573

222.0553,

■ 0.0000, 0.0000,

229.6125, 254.4809

0.0000

268.2076,
277.6297, 307.3651

■ 35.9900, 36.6779,
41.2591

■ 35.9900, 36.6779,
41.2591

■ 32.6670, 30.9394,
37.3528

■ 39.7429, 43.2294,
45.4510

■ 29.7545, 25.9771,
33.7224

■ 43.9381, 50.6194,
49.9334

■ 27.2362, 21.7587,
30.3608

■ 48.5912, 58.8780,
54.7137

■ 25.0935, 18.2473,
27.2596

■ 53.7161, 68.0326,
59.7986

■ 23.3059, 15.4034,
24.4100

■ 59.3261, 78.1090,
65.1943

■ 21.8515, 13.1830,
21.8023

■ 63.0262, 84.3167,
70.1043

■ 20.7051, 11.5372,
19.4259

■ 63.8026, 84.6272,
74.1925

■ 19.8384, 10.4096,
17.2691

■ 64.6102, 84.9503,
78.4456

■ 19.2164, 9.7313,
15.3178

■ 65.4496, 85.2860,
82.8655

Harmonies

Analogous

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



35.6052, 36.6779, 42.7314



35.9900, 36.6779, 41.2591



36.0706, 36.6779, 39.4720

Triad

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



35.9900, 36.6779, 41.2591



34.6989, 36.6779, 36.6087



33.9158, 36.6779, 42.0891

Complementary

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



35.9900, 36.6779, 41.2591



35.5881, 38.6343, 40.7053

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.



33.6792, 36.6779, 40.4036



35.9900, 36.6779, 41.2591



34.1278, 36.6779, 37.2652

Square

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



35.9900, 36.6779, 41.2591



35.3202, 36.6779, 36.8222



33.7563, 36.6779, 38.6415



34.4063, 36.6779, 43.2205

Rectangle

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



35.9900, 36.6779, 41.2591



35.9401, 36.6779, 38.3486



33.7563, 36.6779, 38.6415



33.8042, 36.6779, 41.5666

Sweetspot

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



35.9910, 36.6795, 41.2599



66.8617, 69.8745, 76.6208



35.2038, 36.2415, 42.6766



14.5813, 15.2441, 16.7093



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



35.9910, 36.6795, 41.2599



63.5934, 64.1913, 72.9008



35.6358, 36.5374, 39.3894



7.9332, 7.9858, 9.0940



14.1448, 7.0666, 10.8400



0.3677, 0.1814, 0.3879

Inverse Universe

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



35.9910, 36.6795, 41.2599



63.5934, 64.1913, 72.9008



35.9487, 38.7786, 42.6043



7.9332, 7.9858, 9.0940



14.1448, 7.0666, 10.8400



0.3677, 0.1814, 0.3879

Previews

White Background



This preview shows how the XYZ color 35.9900, 36.6779, 41.2591 looks on a white background.

Color Contrast Check

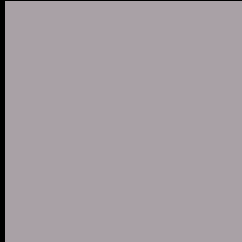
Large Text (above 18pt) WCAG AA × Fail

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 35.9900, 36.6779, 41.2591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

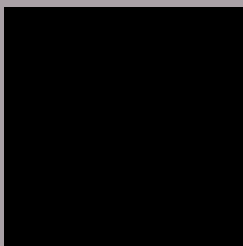
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

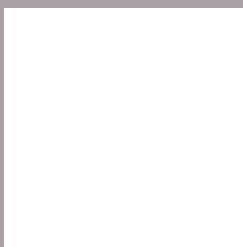
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.9900, 36.6779, 41.2591

Background



This preview shows how black text looks on a background with the XYZ color 35.9900, 36.6779, 41.2591.



This preview shows how white text looks on a background with the XYZ color 35.9900, 36.6779,

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

35.9900, 36.6779, 41.2591

Protanopia

35.4124, 36.6300, 41.7631

Deuteranopia

37.3334, 36.5909, 41.6543



Tritanopia

36.6912, 36.7048, 44.6861

Trichromacy



Original Color

35.9900, 36.6779, 41.2591

Protanomaly

35.6213, 36.7377, 41.7729

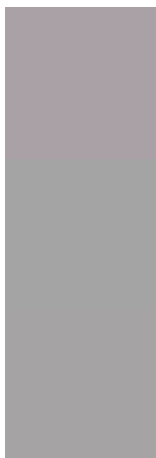
Deuteranomaly

36.8287, 36.5850, 41.6797

Tritanomaly

36.4041, 36.5899, 43.1741

Monochromacy



Original Color

35.9900, 36.6779, 41.2591

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.6146, 37.0180, 40.8654

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9900, 36.6779, 41.2591 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(169, 161, 166)` looks like.

```
.text, #text, p{  
    color:rgb(169, 161, 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(169, 161, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 161, 166) }
```

Border

The CSS property to change the border of an element to XYZ 35.9900, 36.6779, 41.2591 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(169, 161, 166) }
```


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

```
.border{ border-color:rgb(169, 161, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 161, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 161, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 161, 166);  
box-shadow:4px 4px 4px 4px rgb(169, 161,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9900, 36.6779, 41.2591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 161, 166) }
```

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

```
.background{ background-color: rgb(169,  
161, 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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