

Converting Colors

XYZ(35.9368, 40.1370, 28.1471)

Have a look what the booklet for
XYZ(35.9368, 40.1370, 28.1471)
contains.

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Color

**XYZ(35.9718, 40.2385,
28.0612)**

Conversions

Conversions Part 1

Format	Color
Hex	ABAD85
RGB	171, 173, 133
RGB Percent	67%, 68%, 52%
CMY	0.3294, 0.3216, 0.4784
CMYK	0.01, 0.00, 0.23, 0.32
HSL	63°, 20%, 60%
HSV	63°, 23%, 68%
XYZ	35.9718, 40.2385, 28.0612
YIQ	167.8420, 11.6480, -12.8640

Conversions

Conversions Part 2

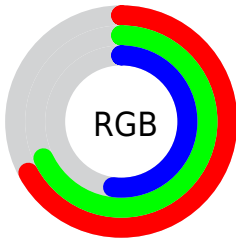
Format	Color
RYB	133, 173, 135
Decimal	11251077
CIELab	69.64, -7.46, 20.38
CIELCh	70, 21.702, 110.119
Yxy	40.2385, 0.3450, 0.3859
Android (android.graphics.Color)	4289441157 (0xFFABAD85)
YUV	167.8420, -17.1771, 2.7696
Hunter-Lab	63.4338, -9.7861, 18.1756

Details

The XYZ color **35.9718, 40.2385, 28.0612** is a light color, and the websafe version is hex **999966**. A complement of this color would be **25.9235, 24.9441, 42.9858**, and the grayscale version is **37.2204, 39.1587, 42.6439**.

A 20% lighter version of the original color is **68.2849, 75.3629, 57.4019**, and **15.8699, 18.1508, 10.8506** is the 20% darker color. If you saturate the color by 10%, you get **34.6859, 39.7038, 22.2675**, and if you desaturate by 10%, it is **37.4579, 40.8562, 34.8936**.

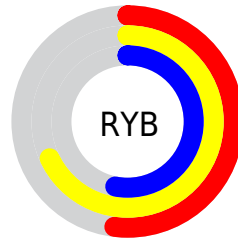
Distribution



Red (67%)

Green (68%)

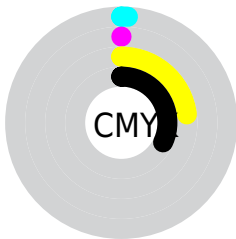
Blue (52%)



Red (52%)

Yellow (68%)

Blue (53%)

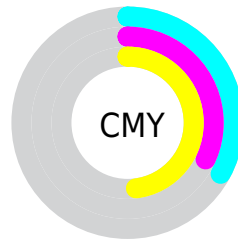


Cyan (1%)

Magenta (0%)

Yellow (23%)

Black (32%)



Cyan (33%)

Magenta (32%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.9718, 40.2385, 28.0612 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 35.9718, 40.2385, 28.0612 by changing the saturation by 10% instead.


 35.9718, 40.2385,
28.0612


 35.9718, 40.2385,
28.0612


320.2707,
347.1278, 306.6804


 24.5824, 27.7245,
18.1324


 68.3127, 75.5266,
57.6064

 15.8933, 18.1181,
10.8746


 89.9949, 99.0694,
78.0599

 9.5390, 11.0348,
5.8695


 115.8388,
127.0574, 102.8586

 5.1543, 6.0903,
2.6984

146.2097,
159.8749, 132.4211

 2.3738, 2.9000,
0.9426

181.4730,
197.9063, 167.1661

 0.8320, 1.0798,
0.0000

221.9940,

 0.0000, 0.0000,

241.5360, 207.5119

0.0000

268.1381,
291.1484, 253.8771

■ 35.9718, 40.2385,
28.0612

■ 35.9718, 40.2385,
28.0612

■ 34.6859, 39.7038,
22.2675

■ 37.4579, 40.8562,
34.8936

■ 33.5876, 39.2428,
17.4591

■ 39.1501, 41.5551,
42.8094

■ 32.6672, 38.8533,
13.5820

■ 41.0578, 42.3403,
51.8537

■ 31.9135, 38.5305,
10.5758

■ 43.1890, 43.2151,
62.0685

■ 31.3136, 38.2693,
8.3730

■ 45.5512, 44.1825,
73.4933

■ 30.8528, 38.0640,
6.8963

■ 48.1517, 45.2453,
86.1662

■ 30.5135, 37.9074,
6.0532

■ 50.9973, 46.4062,
100.1233

■ 30.3241, 37.8173,
5.7012

■ 51.3393, 46.5659,
100.8900

■ 51.5387, 46.6687,
100.8993

Harmonies

Analogous

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



39.4148, 40.2385, 27.4034



35.9718, 40.2385, 28.0612



33.2991, 40.2385, 32.5564

Triad

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



35.9718, 40.2385, 28.0612



34.0812, 40.2385, 60.3727



45.2834, 40.2385, 47.2124

Complementary

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



35.9718, 40.2385, 28.0612



25.9235, 24.9441, 42.9858

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.



43.6590, 40.2385, 57.4041



35.9718, 40.2385, 28.0612



37.0996, 40.2385, 65.7341

Square

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



35.9718, 40.2385, 28.0612



32.2547, 40.2385, 50.7997



40.6130, 40.2385, 64.5716



44.9356, 40.2385, 37.4980

Rectangle

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



35.9718, 40.2385, 28.0612



32.2462, 40.2385, 37.5661



40.6130, 40.2385, 64.5716



44.9462, 40.2385, 50.7165

Sweetspot

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



35.9728, 40.2403, 28.0621



68.8545, 73.9003, 70.7570



30.1325, 27.9067, 25.9892



14.9261, 16.0447, 15.2012



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.



35.9728, 40.2403, 28.0621



63.1423, 71.5317, 44.4605



31.9412, 38.1619, 27.8734



8.6224, 9.3095, 8.5558



22.2910, 27.7885, 4.1889



0.6319, 0.7791, 0.1171

Inverse Universe

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



25.9235, 24.9441, 42.9858



41.8112, 39.0611, 76.1416



29.4492, 26.7617, 43.1507



7.6147, 7.7757, 10.0522



5.6357, 2.2652, 29.1847



0.1685, 0.0691, 0.8124

Previews

White Background



This preview shows how the XYZ color 35.9718, 40.2385, 28.0612 looks on a white background.

Color Contrast Check

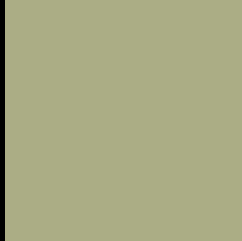
Large Text (above 18pt) WCAG AA × Fail

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 35.9718, 40.2385, 28.0612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

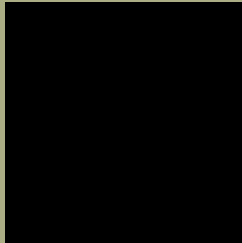
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.9718, 40.2385, 28.0612

Background



This preview shows how black text looks on a background with the XYZ color 35.9718, 40.2385, 28.0612.



This preview shows how white text looks on a background with the XYZ color 35.9718, 40.2385,

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

35.9718, 40.2385, 28.0612

Protanopia

37.5956, 40.2392, 27.6152

Deuteranopia

40.7591, 39.9494, 28.4844



Tritanopia

40.1884, 40.2798, 48.8366

Trichromacy



Original Color

35.9718, 40.2385, 28.0612

Protanomaly

36.8592, 40.1389, 27.6347

Deuteranomaly

38.8608, 40.0500, 28.2365

Tritanomaly

38.4780, 40.1342, 40.3690

Monochromacy



Original Color

35.9718, 40.2385, 28.0612

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

36.6533, 39.5510, 36.7126

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9718, 40.2385, 28.0612 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(171, 173, 133)` looks like.

```
.text, #text, p{  
    color:rgb(171, 173, 133)  
}
```

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(171, 173, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 173, 133) }
```

Border

The CSS property to change the border of an element to XYZ 35.9718, 40.2385, 28.0612 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(171, 173, 133) }
```


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

```
.border{ border-color:rgb(171, 173, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 173, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 173, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 173, 133);  
box-shadow:4px 4px 4px 4px rgb(171, 173,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9718, 40.2385, 28.0612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 173, 133) }
```

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

```
.background{ background-color: rgb(171,  
173, 133) }
```

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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