

Converting Colors

XYZ(38.2856, 41.3183, 41.1535)

Have a look what the booklet for
XYZ(38.2856, 41.3183, 41.1535)
contains.

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Color

**XYZ(38.4145, 41.4985,
41.1073)**

Conversions

Conversions Part 1

Format	Color
Hex	AAAEA4
RGB	170, 174, 164
RGB Percent	67%, 68%, 64%
CMY	0.3333, 0.3176, 0.3569
CMYK	0.02, 0.00, 0.06, 0.32
HSL	84°, 6%, 66%
HSV	84°, 6%, 68%
XYZ	38.4145, 41.4985, 41.1073
YIQ	171.6640, 0.8260, -3.9580

Conversions

Conversions Part 2

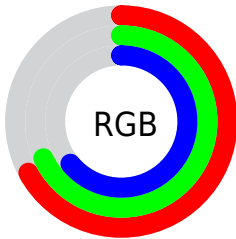
Format	Color
RYB	164, 174, 168
Decimal	11185828
CIELab	70.52, -3.27, 4.63
CIELCh	71, 5.668, 125.239
Yxy	41.4985, 0.3174, 0.3429
Android (android.graphics.Color)	4289375908 (0xFFAAAEA4)
YUV	171.6640, -3.7784, -1.4593
Hunter-Lab	64.4193, -6.2908, 7.2594

Details

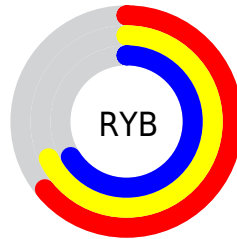
The XYZ color **38.4145, 41.4985, 41.1073** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.0654, 37.9328, 45.4147**, and the grayscale version is **39.0621, 41.0964, 44.7539**.

A 20% lighter version of the original color is **71.8568, 77.1606, 78.1241**, and **17.3554, 18.9405, 18.0704** is the 20% darker color. If you saturate the color by 10%, you get **35.4841, 40.1583, 33.3210**, and if you desaturate by 10%, it is **41.6420, 42.9694, 50.0316**.

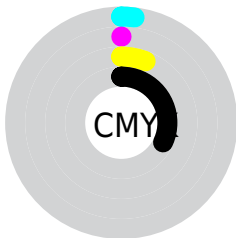
Distribution



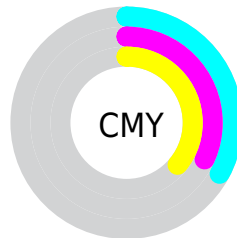
- Red (67%)
- Green (68%)
- Blue (64%)



- Red (64%)
- Yellow (68%)
- Blue (66%)



- Cyan (2%)
- Magenta (0%)
- Yellow (6%)
- Black (32%)



- Cyan (33%)
- Magenta (32%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.4145, 41.4985, 41.1073 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 38.4145, 41.4985, 41.1073 by changing the saturation by 10% instead.

■ 38.4145, 41.4985,
41.1073

■ 38.4145, 41.4985,
41.1073

330.6449,
352.3998, 366.4588

■ 26.4832, 28.7088,
28.0826

■ 72.0428, 77.4401,
78.1022

■ 17.3201, 18.8607,
18.1484

■ 94.4706, 101.3607,
102.9095

■ 10.5597, 11.5696,
10.8860

121.1279,
129.7605, 132.4814

■ 5.8367, 6.4514,
5.8770

152.3801,
163.0238, 167.2364

■ 2.7857, 3.1214,
2.7029

188.5925,
201.5349, 207.5931

■ 1.0415, 1.1955,
0.9449

230.1306,

■ 0.0000, 0.0580,

245.6784, 253.9700

0.0000

277.3596,
295.8386, 306.7858

0.0000, 0.0000,
0.0000

38.4145, 41.4985,
41.1073

38.4145, 41.4985,
41.1073

35.4841, 40.1583,
33.3210

41.6420, 42.9694,
50.0316

32.8374, 38.9394,
26.6241

45.1726, 44.5695,
60.1344

30.4651, 37.8392,
20.9689

49.0162, 46.3043,
71.4573

28.3560, 36.8530,
16.3027

53.1815, 48.1774,
84.0394

26.4979, 35.9758,
12.5685

57.6765, 50.1922,
97.9178

■ 24.8774, 35.2021,
9.7031

■ 60.2751, 51.4582,
101.3633

■ 23.4798, 34.5260,
7.6358

■ 62.3233, 52.5141,
101.4592

■ 22.2881, 33.9403,
6.2847

■ 64.4592, 53.6152,
101.5591

■ 21.2808, 33.4364,
5.5447

■ 66.6837, 54.7620,
101.6632

Harmonies

Analogous

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



39.2791, 41.4985, 40.2474



38.4145, 41.4985, 41.1073



37.8324, 41.4985, 43.0617

Triad

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



38.4145, 41.4985, 41.1073



38.6946, 41.4985, 50.0250



41.2612, 41.4985, 44.7162

Complementary

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



38.4145, 41.4985, 41.1073



37.0654, 37.9328, 45.4147

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.



41.0988, 41.4985, 47.3766



38.4145, 41.4985, 41.1073



39.6075, 41.4985, 50.5103

Square

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



38.4145, 41.4985, 41.1073



37.9924, 41.4985, 48.2222



40.4899, 41.4985, 49.5234



40.9302, 41.4985, 42.2777

Rectangle

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



38.4145, 41.4985, 41.1073



37.6779, 41.4985, 44.7586



40.4899, 41.4985, 49.5234



41.2626, 41.4985, 45.6137

Sweetspot

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



38.4157, 41.5003, 41.1082



71.7884, 76.2358, 80.3277



38.1605, 39.6857, 40.7714



15.9698, 16.9507, 17.8925



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



38.4157, 41.5003, 41.1082



68.9161, 74.9254, 72.4995



37.3552, 40.9536, 41.0586



8.4726, 9.2249, 8.8778



15.2185, 24.1425, 3.8579



0.4829, 0.7023, 0.1101

Inverse Universe

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



37.0654, 37.9328, 45.4147



65.9088, 66.9797, 82.0915



38.1505, 38.4922, 45.4655



8.0863, 8.2042, 10.1101



7.4173, 3.1836, 29.2681



0.2691, 0.1209, 0.8171

Previews

White Background



This preview shows how the XYZ color 38.4145, 41.4985, 41.1073 looks on a white background.

Color Contrast Check

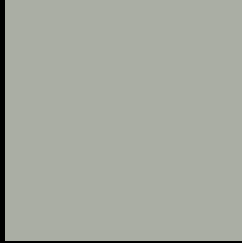
Large Text (above 18pt) WCAG AA × Fail

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 38.4145, 41.4985, 41.1073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

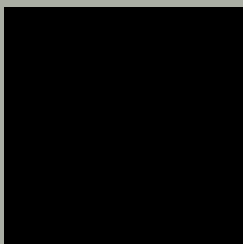
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

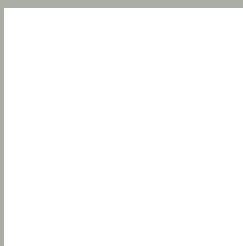
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.4145, 41.4985, 41.1073

Background



This preview shows how black text looks on a background with the XYZ color 38.4145, 41.4985, 41.1073.



This preview shows how white text looks on a background with the XYZ color 38.4145, 41.4985,

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

38.4145, 41.4985, 41.1073

Protanopia

39.7235, 41.6144, 40.5891

Deuteranopia

42.3485, 41.5605, 41.3873



Tritanopia

40.4482, 41.4707, 51.2202

Trichromacy



Original Color

38.4145, 41.4985, 41.1073

Protanomaly

39.2336, 41.6454, 40.6209

Deuteranomaly

40.9334, 41.6564, 41.4804

Tritanomaly

39.7016, 41.4500, 47.5031

Monochromacy



Original Color

38.4145, 41.4985, 41.1073

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

38.8996, 41.4096, 43.4787

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.4145, 41.4985, 41.1073 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(170, 174, 164)` looks like.

```
.text, #text, p{  
    color:rgb(170, 174, 164)  
}
```

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(170, 174, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 174, 164) }
```

Border

The CSS property to change the border of an element to XYZ 38.4145, 41.4985, 41.1073 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(170, 174, 164) }
```


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

```
.border{ border-color:rgb(170, 174, 164) }
```

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

Here you see how a box with a 4 pixel rgb(170, 174, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 174, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 174, 164);  
box-shadow:4px 4px 4px 4px rgb(170, 174,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 38.4145, 41.4985, 41.1073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 174, 164) }
```

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

```
.background{ background-color: rgb(170,  
174, 164) }
```

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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