

Converting Colors

XYZ(40.1972, 42.6998, 45.5612)

Have a look what the booklet for
XYZ(40.1972, 42.6998, 45.5612)
contains.

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Color

**XYZ(40.1064, 42.5613,
45.6365)**

Conversions

Conversions Part 1

Format	Color
Hex	ADAFAD
RGB	173, 175, 173
RGB Percent	68%, 69%, 68%
CMY	0.3216, 0.3137, 0.3216
CMYK	0.01, 0.00, 0.01, 0.31
HSL	120°, 1%, 68%
HSV	120°, 1%, 69%
XYZ	40.1064, 42.5613, 45.6365
YIQ	174.1740, -0.5500, -1.0460

Conversions

Conversions Part 2

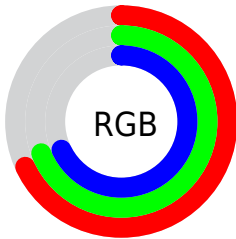
Format	Color
RYB	173, 175, 175
Decimal	11382701
CIELab	71.26, -1.08, 0.77
CIELCh	71, 1.323, 144.555
Yxy	42.5613, 0.3126, 0.3317
Android (android.graphics.Color)	4289572781 (0xFFADAFAD)
YUV	174.1740, -0.5788, -1.0296
Hunter-Lab	65.2390, -4.4335, 4.1923

Details

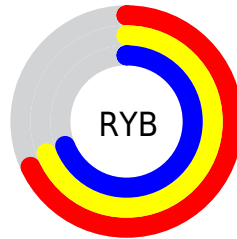
The XYZ color **40.1064, 42.5613, 45.6365** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.3622, 42.0974, 46.5579**, and the grayscale version is **40.3256, 42.4257, 46.2016**.

A 20% lighter version of the original color is **74.2953, 78.6890, 84.6715**, and **18.4193, 19.6113, 20.9037** is the 20% darker color. If you saturate the color by 10%, you get **34.9033, 40.0632, 37.1247**, and if you desaturate by 10%, it is **46.0407, 45.4131, 55.3422**.

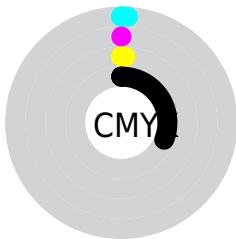
Distribution



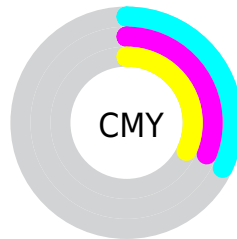
- Red (68%)
- Green (69%)
- Blue (68%)



- Red (68%)
- Yellow (69%)
- Blue (69%)



- Cyan (1%)
- Magenta (0%)
- Yellow (1%)
- Black (31%)



- Cyan (32%)
- Magenta (31%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.1064, 42.5613, 45.6365 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 40.1064, 42.5613, 45.6365 by changing the saturation by 10% instead.

■ 40.1064, 42.5613,
45.6365

■ 40.1064, 42.5613,
45.6365

337.6986,
356.8045, 385.5804

■ 27.8061, 29.5411,
31.6125

■ 74.6088, 79.0484,
85.0033

■ 18.3192, 19.4905,
20.8033

97.5416, 103.2841,
111.1831

■ 11.2805, 12.0252,
12.7905

124.7493,
132.0270, 142.2519

■ 6.3245, 6.7609,
7.1554

156.5973,
165.6616, 178.6284

■ 3.0859, 3.3130,
3.4796

193.4508,
204.5723, 220.7309

■ 1.1994, 1.2972,
1.3444

235.6753,

■ 0.1059, 0.1391,

249.1434, 268.9780

0.0978

283.6361,
299.7593, 323.7883

■ 0.0000, 0.0000,
0.0000

■ 40.1064, 42.5613,
45.6365

■ 40.1064, 42.5613,
45.6365

■ 34.9033, 40.0632,
37.1247

■ 46.0407, 45.4131,
55.3422

■ 30.3996, 37.8999,
29.7581

■ 52.7292, 48.6259,
66.2825

■ 26.5667, 36.0588,
23.4887

■ 60.1982, 52.2137,
78.4996

■ 23.3725, 34.5244,
18.2639

■ 68.4719, 56.1879,
92.0329

■ 20.7822, 33.2802,
14.0271

■ 74.6208, 59.1416,
102.0903

■ 18.7580, 32.3078,
10.7160

■ 17.2575, 31.5870,
8.2616

■ 16.2324, 31.0947,
6.5850

■ 15.6258, 30.8033,
5.5928

Harmonies

Analogous

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



40.2761, 42.5613, 45.2387



40.1064, 42.5613, 45.6365



40.0297, 42.5613, 46.2261

Triad

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



40.1064, 42.5613, 45.6365



40.4127, 42.5613, 47.5700



40.8428, 42.5613, 45.8357

Complementary

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



40.1064, 42.5613, 45.6365



40.3622, 42.0974, 46.5579

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.



40.8798, 42.5613, 46.4582



40.1064, 42.5613, 45.6365



40.6309, 42.5613, 47.4632

Square

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



40.1064, 42.5613, 45.6365



40.2061, 42.5613, 47.3453



40.8021, 42.5613, 47.0548



40.7014, 42.5613, 45.3530

Rectangle

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



40.1064, 42.5613, 45.6365



40.0414, 42.5613, 46.6500



40.8021, 42.5613, 47.0548



40.8679, 42.5613, 46.0354

Sweetspot

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



40.1076, 42.5631, 45.6374



72.9764, 76.7769, 83.6100



40.5474, 42.7802, 45.6561



16.2198, 17.0645, 18.5832



84.5950, 89.0005, 96.9216

Same Dimension

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



40.1076, 42.5631, 45.6374



71.9543, 76.2859, 81.9381



40.2016, 42.6007, 46.1326



8.8793, 9.4076, 10.1167



10.9783, 21.9566, 3.6594



0.3054, 0.6108, 0.1018

Inverse Universe

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



40.3622, 42.0974, 46.5579



72.3599, 75.5439, 83.4045



40.2674, 42.0595, 46.0588



8.9251, 9.3240, 10.2820



18.2018, 8.7432, 29.7728



0.5064, 0.2432, 0.8282

Previews

White Background



This preview shows how the XYZ color 40.1064, 42.5613, 45.6365 looks on a white background.

Color Contrast Check

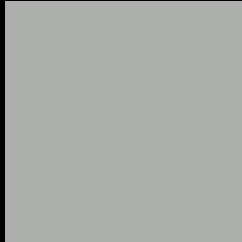
Large Text (above 18pt) WCAG AA × Fail

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 40.1064, 42.5613, 45.6365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

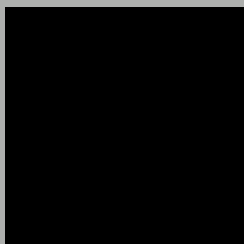
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

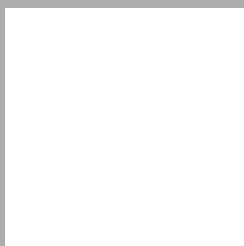
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.1064, 42.5613, 45.6365

Background



This preview shows how black text looks on a background with the XYZ color 40.1064, 42.5613, 45.6365.



This preview shows how white text looks on a background with the XYZ color 40.1064, 42.5613,

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

40.1064, 42.5613, 45.6365

Protanopia

40.9425, 42.7156, 45.1168

Deuteranopia

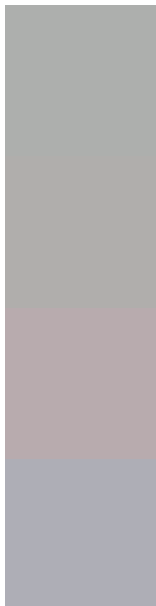
43.3138, 42.5083, 45.9664



Tritanopia

41.5924, 42.5890, 53.0420

Trichromacy



Original Color

40.1064, 42.5613, 45.6365

Protanomaly

40.4869, 42.4808, 45.0954

Deuteranomaly

41.9701, 42.3722, 46.0110

Tritanomaly

41.0351, 42.6482, 50.3251

Monochromacy



Original Color

40.1064, 42.5613, 45.6365

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.2316, 42.3268, 46.0938

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.1064, 42.5613, 45.6365 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(173, 175, 173)` looks like.

```
.text, #text, p{  
    color:rgb(173, 175, 173)  
}
```

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(173, 175, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 175, 173) }
```

Border

The CSS property to change the border of an element to XYZ 40.1064, 42.5613, 45.6365 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(173, 175, 173) }
```

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

```
.border{ border-color:rgb(173, 175, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 175, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 175, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 175, 173);  
box-shadow:4px 4px 4px 4px rgb(173, 175,  
173) }
```


Background

The CSS property to change the background color of an element to XYZ 40.1064, 42.5613, 45.6365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 175, 173) }
```

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

```
.background{ background-color: rgb(173,  
175, 173) }
```

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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