

Converting Colors

XYZ(40.5595, 43.4947, 45.4629)

Have a look what the booklet for
XYZ(40.5595, 43.4947, 45.4629)
contains.

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Color

**XYZ(40.4021, 43.3071,
45.2594)**

Conversions

Conversions Part 1

Format	Color
Hex	ADB1AC
RGB	173, 177, 172
RGB Percent	68%, 69%, 67%
CMY	0.3216, 0.3059, 0.3255
CMYK	0.02, 0.00, 0.03, 0.31
HSL	108°, 3%, 68%
HSV	108°, 3%, 69%
XYZ	40.4021, 43.3071, 45.2594
YIQ	175.2340, -0.7790, -2.4030

Conversions

Conversions Part 2

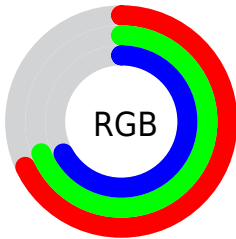
Format	Color
RYB	172, 177, 176
Decimal	11383212
CIELab	71.76, -2.34, 2.05
CIELCh	72, 3.116, 138.751
Yxy	43.3071, 0.3133, 0.3358
Android (android.graphics.Color)	4289573292 (0xFFADB1AC)
YUV	175.2340, -1.5944, -1.9592
Hunter-Lab	65.8081, -5.5763, 5.2891

Details

The XYZ color **40.4021, 43.3071, 45.2594** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.5946, 41.9107, 47.5473**, and the grayscale version is **40.8780, 43.0069, 46.8345**.

A 20% lighter version of the original color is **74.9989, 80.3179, 84.2231**, and **18.4830, 19.8363, 20.6239** is the 20% darker color. If you saturate the color by 10%, you get **35.8467, 41.1435, 36.7555**, and if you desaturate by 10%, it is **45.5185, 45.7362, 54.9733**.

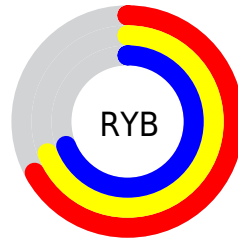
Distribution



Red (68%)

Green (69%)

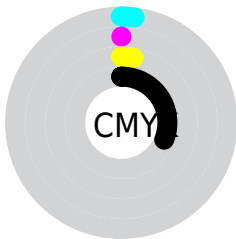
Blue (67%)



Red (67%)

Yellow (69%)

Blue (69%)

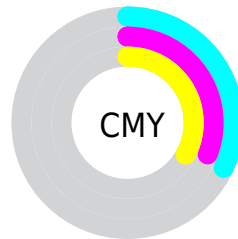


Cyan (2%)

Magenta (0%)

Yellow (3%)

Black (31%)



Cyan (32%)

Magenta (31%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.4021, 43.3071, 45.2594 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 40.4021, 43.3071, 45.2594 by changing the saturation by 10% instead.

■ 40.4021, 43.3071,
45.2594

■ 40.4021, 43.3071,
45.2594

338.9209,
359.8732, 384.0138

■ 28.0378, 30.1261,
31.3174

■ 75.0559, 80.1741,
84.4321

■ 18.4948, 19.9344,
20.5801

98.0761, 104.6289,
110.4998

■ 11.4076, 12.3473,
12.6292

125.3789,
133.6105, 141.4466

■ 6.4110, 6.9807,
7.0460

157.3298,
167.5031, 177.6908

■ 3.1396, 3.4500,
3.4120

194.2941,
206.6914, 219.6511

■ 1.2280, 1.3709,
1.3087

236.6372,

■ 0.1283, 0.1952,

251.5595, 267.7460

0.0689

284.7243,
302.4920, 322.3941

0.0000, 0.0000,
0.0000

40.4021, 43.3071,
45.2594

40.4021, 43.3071,
45.2594

35.8467, 41.1435,
36.7555

45.5185, 45.7362,
54.9733

31.8294, 39.2309,
29.4116

51.2104, 48.4337,
65.9391

28.3312, 37.5618,
23.1782

57.4965, 51.4095,
78.2002

25.3304, 36.1263,
18.0013

64.3935, 54.6712,
91.7968

22.8040, 34.9138,
13.8221

71.0183, 57.8667,
102.0341

■ 20.7268, 33.9127,
10.5766

■ 75.0130, 59.9260,
102.2210

■ 19.0715, 33.1104,
8.1927

■ 17.8074, 32.4929,
6.5883

■ 16.8993, 32.0443,
5.6651

Harmonies

Analogous

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



40.8360, 43.3071, 44.4491



40.4021, 43.3071, 45.2594



40.1726, 43.3071, 46.5881

Triad

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



40.4021, 43.3071, 45.2594



40.9640, 43.3071, 50.0692



42.1328, 43.3071, 46.2239

Complementary

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



40.4021, 43.3071, 45.2594



40.5946, 41.9107, 47.5473

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.



42.1678, 43.3071, 47.7246



40.4021, 43.3071, 45.2594



41.4899, 43.3071, 49.9666

Square

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



40.4021, 43.3071, 45.2594



40.4951, 43.3071, 49.3783



41.9316, 43.3071, 49.1009



41.8364, 43.3071, 44.9977

Rectangle

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



40.4021, 43.3071, 45.2594



40.1650, 43.3071, 47.5986



41.9316, 43.3071, 49.1009



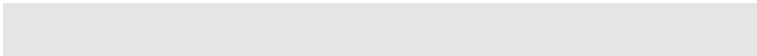
42.1756, 43.3071, 46.7123

Sweetspot

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



40.4033, 43.3090, 45.2603



73.9396, 78.3121, 84.0402



41.1050, 43.3784, 45.2368



16.0345, 16.9765, 18.2329



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.



40.4033, 43.3090, 45.2603



72.1629, 77.4685, 80.6897



40.3281, 43.2534, 46.0137



9.1341, 9.8503, 10.1565



11.9435, 23.0672, 3.8229



0.4222, 0.7497, 0.1225

Inverse Universe

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



40.5946, 41.9107, 47.5473



72.5321, 74.7693, 85.1044



40.6726, 41.9681, 46.7741



9.1915, 9.4311, 10.8423



13.8365, 6.4688, 30.6563



0.4777, 0.2254, 0.9666

Previews

White Background



This preview shows how the XYZ color 40.4021, 43.3071, 45.2594 looks on a white background.

Color Contrast Check

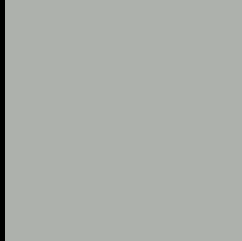
Large Text (above 18pt) WCAG AA × Fail

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 40.4021, 43.3071, 45.2594 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

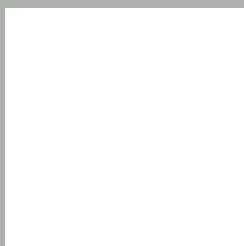
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.4021, 43.3071, 45.2594

Background



This preview shows how black text looks on a background with the XYZ color 40.4021, 43.3071, 45.2594.



This preview shows how white text looks on a background with the XYZ color 40.4021, 43.3071,

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

40.4021, 43.3071, 45.2594

Protanopia

41.5030, 43.3035, 44.6990

Deuteranopia

43.9099, 43.1040, 45.5408



Tritanopia

42.3116, 43.5209, 53.7473

Trichromacy



Original Color

40.4021, 43.3071, 45.2594

Protanomaly

41.0075, 43.3381, 44.7318

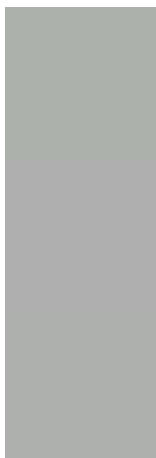
Deuteranomaly

42.7361, 43.3434, 45.6488

Tritanomaly

41.6480, 43.5420, 50.4653

Monochromacy



Original Color

40.4021, 43.3071, 45.2594

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.6209, 43.1053, 46.2236

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.4021, 43.3071, 45.2594 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, 177, 172)` looks like.

```
.text, #text, p{  
    color:rgb(173, 177, 172)  
}
```

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, 177, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 177, 172) }
```

Border

The CSS property to change the border of an element to XYZ 40.4021, 43.3071, 45.2594 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, 177, 172) }
```


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

```
.border{ border-color:rgb(173, 177, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 177, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 177, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 177, 172);  
box-shadow:4px 4px 4px 4px rgb(173, 177,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 40.4021, 43.3071, 45.2594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 177, 172) }
```

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

```
.background{ background-color: rgb(173,  
177, 172) }
```

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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