

Converting Colors

XYZ(40.5644, 43.0948, 47.3251)

Have a look what the booklet for
XYZ(40.5644, 43.0948, 47.3251)
contains.

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Color

**XYZ(40.5954, 43.0695,
47.2479)**

Conversions

Conversions Part 1

Format	Color
Hex	ADB0B0
RGB	173, 176, 176
RGB Percent	68%, 69%, 69%
CMY	0.3216, 0.3098, 0.3098
CMYK	0.02, 0.00, 0.00, 0.31
HSL	180°, 2%, 68%
HSV	180°, 2%, 69%
XYZ	40.5954, 43.0695, 47.2479
YIQ	175.1030, -1.7880, -0.6360

Conversions

Conversions Part 2

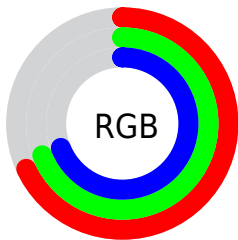
Format	Color
RYB	173, 175, 176
Decimal	11382960
CIELab	71.60, -1.05, -0.38
CIELCh	72, 1.117, 199.759
Yxy	43.0695, 0.3101, 0.3290
Android (android.graphics.Color)	4289573040 (0xFFADB0B0)
YUV	175.1030, 0.4422, -1.8443
Hunter-Lab	65.6274, -4.4324, 3.2538

Details

The XYZ color **40.5954, 43.0695, 47.2479** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.3925, 42.1355, 45.5414**, and the grayscale version is **40.8003, 42.9251, 46.7455**.

A 20% lighter version of the original color is **75.4170, 80.0334, 87.8170**, and **18.7309, 19.9355, 21.9295** is the 20% darker color. If you saturate the color by 10%, you get **36.9556, 41.1946, 47.0693**, and if you desaturate by 10%, it is **44.7503, 45.2125, 47.4524**.

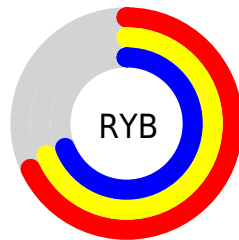
Distribution



Red (68%)

Green (69%)

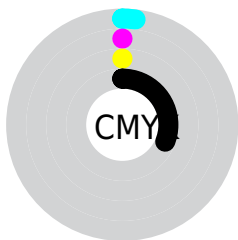
Blue (69%)



Red (68%)

Yellow (69%)

Blue (69%)

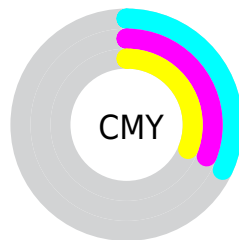


Cyan (2%)

Magenta (0%)

Yellow (0%)

Black (31%)



Cyan (32%)

Magenta (31%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.5954, 43.0695, 47.2479 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 40.5954, 43.0695, 47.2479 by changing the saturation by 10% instead.

■ 40.5954, 43.0695,
47.2479

■ 40.5954, 43.0695,
47.2479

339.7183,
358.8975, 392.2255

■ 28.1893, 29.9397,
32.8759

■ 75.3479, 79.8157,
87.4374

■ 18.6096, 19.7928,
21.7611

98.4251, 104.2009,
114.0920

■ 11.4909, 12.2445,
13.4848

125.7900,
133.1066, 145.6779

■ 6.4677, 6.9104,
7.6286

157.8080,
166.9173, 182.6136

■ 3.1749, 3.4061,
3.7739

194.8445,
206.0173, 225.3177

■ 1.2469, 1.3473,
1.5021

237.2648,

■ 0.1429, 0.1774,

250.7911, 274.2087

0.2195

285.4343,
301.6231, 329.7051

■ 0.0000, 0.0000,
0.0000

■ 40.5954, 43.0695,
47.2479

■ 40.5954, 43.0695,
47.2479

■ 36.9556, 41.1946,
47.0693

■ 44.7503, 45.2125,
47.4524

■ 33.8075, 39.5718,
46.9128

■ 49.4356, 47.6276,
47.6808

■ 31.1310, 38.1922,
46.7784

■ 54.6702, 50.3259,
47.9349

■ 28.9034, 37.0441,
46.6650

■ 60.4712, 53.3162,
48.2156

■ 27.1002, 36.1147,
46.5715

■ 64.6115, 55.4505,
48.4185

■ 25.6944, 35.3902,
46.4966

■ 64.6133, 55.4512,
48.4277

■ 24.6560, 34.8550,
46.4388

■ 64.6150, 55.4519,
48.4369

■ 23.9506, 34.4916,
46.3967

■ 64.6168, 55.4526,
48.4462

■ 23.5375, 34.2789,
46.3682

■ 64.6185, 55.4533,
48.4554

Harmonies

Analogous

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



40.5799, 43.0695, 46.7107



40.5954, 43.0695, 47.2479



40.7021, 43.0695, 47.6939

Triad

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



40.5954, 43.0695, 47.2479



41.2141, 43.0695, 47.5705



41.0009, 43.0695, 45.8792

Complementary

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



40.5954, 43.0695, 47.2479



40.3925, 42.1355, 45.5414

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.



41.1713, 43.0695, 46.1058



40.5954, 43.0695, 47.2479



41.2947, 43.0695, 47.0805

Square

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



40.5954, 43.0695, 47.2479



41.0592, 43.0695, 47.8811



41.2790, 43.0695, 46.5446



40.8136, 43.0695, 45.9232

Rectangle

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



40.5954, 43.0695, 47.2479



40.8107, 43.0695, 47.8781



41.2790, 43.0695, 46.5446



41.0621, 43.0695, 45.9262

Sweetspot

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



40.5966, 43.0713, 47.2488



74.1136, 78.3650, 85.7133



40.3141, 42.9596, 45.7031



16.0702, 16.9874, 18.5759



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.



40.5966, 43.0713, 47.2488



73.3933, 77.9937, 85.6780



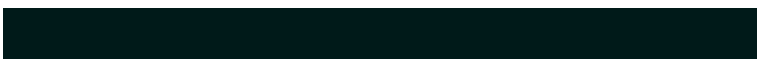
40.3138, 42.5053, 47.1561



9.3809, 9.9606, 10.9341



17.1283, 25.0773, 34.0080



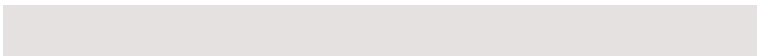
0.5390, 0.7891, 1.0707

Inverse Universe

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



40.3925, 42.1355, 45.5414



72.9527, 75.9737, 81.9925



40.6721, 42.6951, 45.6332



9.3293, 9.7239, 10.5023



13.1377, 6.7726, 0.6192



0.4135, 0.2131, 0.0201

Previews

White Background



This preview shows how the XYZ color 40.5954, 43.0695, 47.2479 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 40.5954, 43.0695, 47.2479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

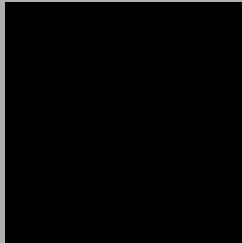
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.5954, 43.0695, 47.2479

Background



This preview shows how black text looks on a background with the XYZ color 40.5954, 43.0695, 47.2479.



This preview shows how white text looks on a background with the XYZ color 40.5954, 43.0695,

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

40.5954, 43.0695, 47.2479

Protanopia

41.2340, 42.8322, 46.6516

Deuteranopia

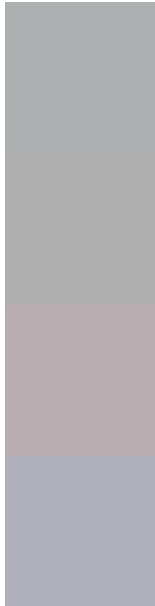
43.7964, 43.0001, 47.5865



Tritanopia

41.8923, 43.0169, 53.6721

Trichromacy



Original Color

40.5954, 43.0695, 47.2479

Protanomaly

40.9723, 42.9852, 46.6949

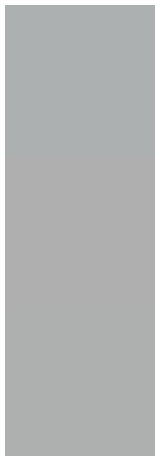
Deuteranomaly

42.4555, 42.8697, 47.6320

Tritanomaly

41.4373, 43.1193, 51.4863

Monochromacy



Original Color

40.5954, 43.0695, 47.2479

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.5234, 42.7538, 46.6739

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.5954, 43.0695, 47.2479 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, 176, 176)` looks like.

```
.text, #text, p{  
    color:rgb(173, 176, 176)  
}
```

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, 176, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 176, 176) }
```

Border

The CSS property to change the border of an element to XYZ 40.5954, 43.0695, 47.2479 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, 176, 176) }
```


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

```
.border{ border-color:rgb(173, 176, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 176, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 176, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 176, 176); box-shadow:4px 4px 4px 4px rgb(173, 176, 176) }
```

Background

The CSS property to change the background color of an element to XYZ 40.5954, 43.0695, 47.2479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 176, 176) }
```

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

```
.background{ background-color: rgb(173,  
176, 176) }
```

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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