

Converting Colors

XYZ(40.2097, 42.1558, 46.9426)

Have a look what the booklet for
XYZ(40.2097, 42.1558, 46.9426)
contains.

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Color

**XYZ(40.4281, 42.4054,
47.1286)**

Conversions

Conversions Part 1

Format	Color
Hex	AEAEB0
RGB	174, 174, 176
RGB Percent	68%, 68%, 69%
CMY	0.3176, 0.3176, 0.3098
CMYK	0.01, 0.01, 0.00, 0.31
HSL	240°, 1%, 69%
HSV	240°, 1%, 69%
XYZ	40.4281, 42.4054, 47.1286
YIQ	174.2280, -0.6420, 0.6220

Conversions

Conversions Part 2

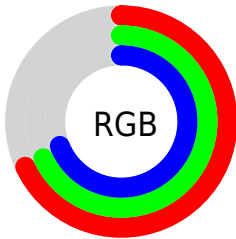
Format	Color
RYB	174, 174, 176
Decimal	11447984
CIELab	71.15, 0.38, -1.03
CIELCh	71, 1.099, 290.336
Yxy	42.4054, 0.3111, 0.3263
Android (android.graphics.Color)	4289638064 (0xFFFAEAEB0)
YUV	174.2280, 0.8736, -0.2000
Hunter-Lab	65.1194, -3.1408, 2.6739

Details

The XYZ color **40.4281, 42.4054, 47.1286** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.0699, 43.3362, 46.2451**, and the grayscale version is **40.3462, 42.4474, 46.2252**.

A 20% lighter version of the original color is **74.8979, 78.5228, 87.5528**, and **18.6237, 19.5119, 21.8534** is the 20% darker color. If you saturate the color by 10%, you get **33.5857, 34.1648, 45.8993**, and if you desaturate by 10%, it is **48.2308, 51.8028, 48.5319**.

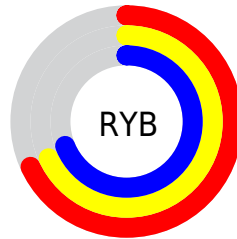
Distribution



Red (68%)

Green (68%)

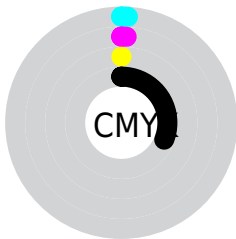
Blue (69%)



Red (68%)

Yellow (68%)

Blue (69%)

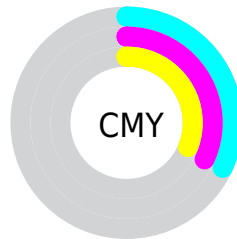


Cyan (1%)

Magenta (1%)

Yellow (0%)

Black (31%)



Cyan (32%)

Magenta (32%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.4281, 42.4054, 47.1286 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 40.4281, 42.4054, 47.1286 by changing the saturation by 10% instead.

■ 40.4281, 42.4054,
47.1286

■ 40.4281, 42.4054,
47.1286

339.0282,
356.1607, 391.7362

■ 28.0582, 29.4189,
32.7823

■ 75.0952, 78.8128,
87.2575

■ 18.5102, 19.3979,
21.6899

98.1230, 103.0025,
113.8772

■ 11.4188, 11.9582,
13.4331

125.4343,
131.6953, 145.4251

■ 6.4186, 6.7152,
7.5932

157.3942,
165.2757, 182.3197

■ 3.1443, 3.2846,
3.7518

194.3682,
204.1280, 224.9796

■ 1.2305, 1.2821,
1.4902

236.7216,

■ 0.1303, 0.1273,

248.6367, 273.8233

0.2106

284.8199,
299.1862, 329.2693

■ 0.0000, 0.0000,
0.0000

■ 40.4281, 42.4054,
47.1286

■ 40.4281, 42.4054,
47.1286

■ 33.5857, 34.1648,
45.8993

■ 48.2308, 51.8028,
48.5319

■ 27.6631, 27.0310,
44.8345

■ 57.0252, 62.3935,
50.1126

■ 22.6222, 20.9587,
43.9281

■ 66.8456, 74.2193,
51.8776

■ 18.4209, 15.8971,
43.1725

■ 77.7236, 87.3182,
53.8326

■ 15.0135, 11.7914,
42.5596

■ 84.8366, 95.9146,
55.1170

■ 12.3503, 8.5815,
42.0804

■ 10.3755, 6.2007,
41.7250

■ 9.0259, 4.5727,
41.4819

■ 8.2266, 3.6075,
41.3377

Harmonies

Analogous

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



40.2457, 42.4054, 47.1780



40.4281, 42.4054, 47.1286



40.5779, 42.4054, 46.8218

Triad

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



40.4281, 42.4054, 47.1286



40.5312, 42.4054, 45.3969



39.9574, 42.4054, 46.0024

Complementary

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



40.4281, 42.4054, 47.1286



41.0699, 43.3362, 46.2451

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.



40.0334, 42.4054, 45.5287



40.4281, 42.4054, 47.1286



40.3645, 42.4054, 45.1809

Square

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



40.4281, 42.4054, 47.1286



40.6376, 42.4054, 45.8211



40.1823, 42.4054, 45.2290



39.9743, 42.4054, 46.5252

Rectangle

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



40.4281, 42.4054, 47.1286



40.6390, 42.4054, 46.5140



40.1823, 42.4054, 45.2290



39.9729, 42.4054, 45.8323

Sweetspot

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



40.4293, 42.4072, 47.1295



74.8435, 78.7412, 85.7492



40.8147, 43.1833, 47.2417



16.2198, 17.0645, 18.5832



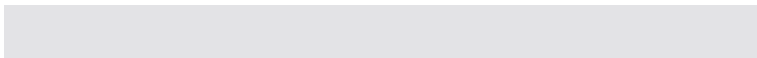
84.5950, 89.0005, 96.9216

Same Dimension

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



40.4293, 42.4072, 47.1295



73.4822, 77.1017, 85.5045



40.6449, 42.5174, 47.1394



9.3914, 9.8562, 10.9138



5.7524, 2.3051, 30.2787



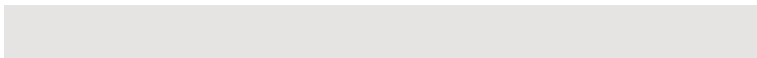
0.1813, 0.0732, 0.9528

Inverse Universe

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



40.6815, 42.5590, 46.1172



73.8920, 77.3483, 83.8593



40.8526, 43.2252, 46.2351



9.4394, 9.8851, 10.7212



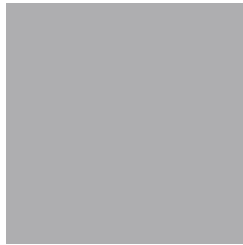
13.1382, 6.7728, 0.6217



0.4136, 0.2132, 0.0205

Previews

White Background



This preview shows how the XYZ color 40.4281, 42.4054, 47.1286 looks on a white background.

Color Contrast Check

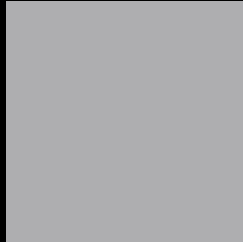
Large Text (above 18pt) WCAG AA × Fail

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 40.4281, 42.4054, 47.1286 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

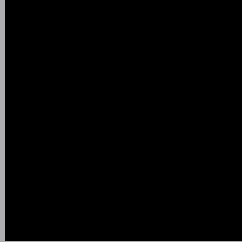
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

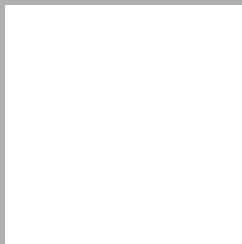
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.4281, 42.4054, 47.1286

Background



This preview shows how black text looks on a background with the XYZ color 40.4281, 42.4054, 47.1286.



This preview shows how white text looks on a background with the XYZ color 40.4281, 42.4054,

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

40.4281, 42.4054, 47.1286

Protanopia

40.9115, 42.3688, 47.0960

Deuteranopia

43.1100, 42.3691, 47.5009



Tritanopia

41.5199, 42.2803, 52.4270

Trichromacy



Original Color

40.4281, 42.4054, 47.1286

Protanomaly

40.6845, 42.2518, 47.0854

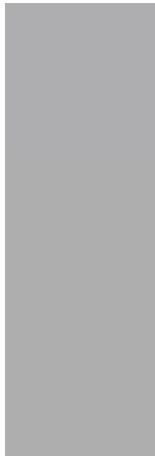
Deuteranomaly

42.2659, 42.4905, 47.5688

Tritanomaly

41.0663, 42.3785, 50.2714

Monochromacy



Original Color

40.4281, 42.4054, 47.1286

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.3295, 42.3659, 46.6093

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.4281, 42.4054, 47.1286 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(174, 174, 176)` looks like.

```
.text, #text, p{  
    color:rgb(174, 174, 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(174, 174, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 174, 176) }
```

Border

The CSS property to change the border of an element to XYZ 40.4281, 42.4054, 47.1286 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(174, 174, 176) }
```

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

```
.border{ border-color:rgb(174, 174, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 174, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 174, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 174, 176);  
box-shadow:4px 4px 4px 4px rgb(174, 174,  
176) }
```


Background

The CSS property to change the background color of an element to XYZ 40.4281, 42.4054, 47.1286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 174, 176) }
```

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

```
.background{ background-color: rgb(174,  
174, 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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