

Converting Colors

XYZ(41.6484, 44.1036, 47.1560)

Have a look what the booklet for
XYZ(41.6484, 44.1036, 47.1560)
contains.

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Color

**XYZ(41.6614, 44.2055,
47.4110)**

Conversions

Conversions Part 1

Format	Color
Hex	B0B2B0
RGB	176, 178, 176
RGB Percent	69%, 70%, 69%
CMY	0.3098, 0.3019, 0.3098
CMYK	0.01, 0.00, 0.01, 0.30
HSL	120°, 1%, 69%
HSV	120°, 1%, 70%
XYZ	41.6614, 44.2055, 47.4110
YIQ	177.1740, -0.5500, -1.0460

Conversions

Conversions Part 2

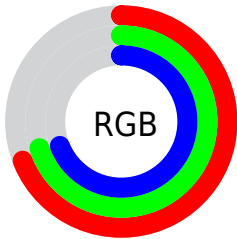
Format	Color
RYB	176, 178, 178
Decimal	11580080
CIELab	72.37, -1.07, 0.76
CIElCh	72, 1.319, 144.557
Yxy	44.2055, 0.3126, 0.3317
Android (android.graphics.Color)	4289770160 (0xFFB0B2B0)
YUV	177.1740, -0.5788, -1.0296
Hunter-Lab	66.4872, -4.5032, 4.2623

Details

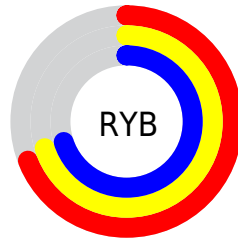
The XYZ color **41.6614, 44.2055, 47.4110** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.9229, 43.7311, 48.3531**, and the grayscale version is **41.8856, 44.0669, 47.9889**.

A 20% lighter version of the original color is **77.2670, 81.8276, 88.0658**, and **19.2839, 20.4076, 21.9915** is the 20% darker color. If you saturate the color by 10%, you get **36.2504, 41.6076, 38.5589**, and if you desaturate by 10%, it is **47.8336, 47.1716, 57.5062**.

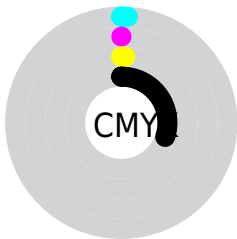
Distribution



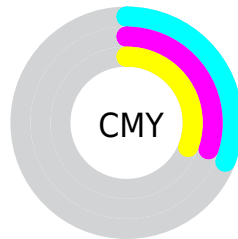
- Red (69%)
- Green (70%)
- Blue (69%)



- Red (69%)
- Yellow (70%)
- Blue (70%)



- Cyan (1%)
- Magenta (0%)
- Yellow (1%)
- Black (30%)



- Cyan (31%)
- Magenta (30%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.6614, 44.2055, 47.4110 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 41.6614, 44.2055, 47.4110 by changing the saturation by 10% instead.

■ 41.6614, 44.2055,
47.4110

■ 41.6614, 44.2055,
47.4110

344.0929,
363.5462, 392.8938

■ 29.0262, 30.8321,
33.0040

■ 76.9553, 81.5269,
87.6832

■ 19.2450, 20.4710,
21.8584

100.3447,
106.2436, 114.3855

■ 11.9525, 12.7379,
13.5556

128.0496,
135.5103, 146.0233

■ 6.7833, 7.2483,
7.6770

160.4352,
169.7113, 183.0151

■ 3.3721, 3.6179,
3.8042

197.8670,
209.2310, 225.7796

■ 1.3534, 1.4622,
1.5185

240.7103,

■ 0.2227, 0.2619,

254.4538, 274.7351

0.2317

289.3305,
305.7641, 330.3004

■ 0.0000, 0.0000,
0.0000

■ 41.6614, 44.2055,
47.4110

■ 41.6614, 44.2055,
47.4110

■ 36.2504, 41.6076,
38.5589

■ 47.8336, 47.1716,
57.5062

■ 31.5677, 39.3583,
30.8991

■ 54.7910, 50.5136,
68.8868

■ 27.5832, 37.4443,
24.3816

■ 62.5611, 54.2459,
81.5969

■ 24.2635, 35.8497,
18.9515

■ 71.1690, 58.3807,
95.6776

■ 21.5724, 34.5571,
14.5498

■ 75.2112, 60.3225,
102.2871

■ 19.4705, 33.5474,
11.1117

■ 17.9134, 32.7994,
8.5650

■ 16.8510, 32.2891,
6.8274

■ 16.2237, 31.9878,
5.8015

Harmonies

Analogous

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



41.8349, 44.2055, 47.0042



41.6614, 44.2055, 47.4110



41.5830, 44.2055, 48.0138

Triad

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



41.6614, 44.2055, 47.4110



41.9746, 44.2055, 49.3875



42.4143, 44.2055, 47.6146

Complementary

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



41.6614, 44.2055, 47.4110



41.9229, 43.7311, 48.3531

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.



42.4520, 44.2055, 48.2509



41.6614, 44.2055, 47.4110



42.1977, 44.2055, 49.2783

Square

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



41.6614, 44.2055, 47.4110



41.7634, 44.2055, 49.1579



42.3726, 44.2055, 48.8608



42.2696, 44.2055, 47.1210

Rectangle

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



41.6614, 44.2055, 47.4110



41.5949, 44.2055, 48.4472



42.3726, 44.2055, 48.8608



42.4399, 44.2055, 47.8188

Sweetspot

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



41.6626, 44.2074, 47.4120



76.7382, 80.7346, 87.9200



42.1123, 44.4293, 47.4311



17.0014, 17.8868, 19.4787



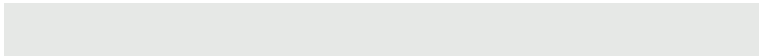
86.6293, 91.1408, 99.2523

Same Dimension

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



41.6626, 44.2074, 47.4120



75.6621, 80.2177, 86.1596



41.7588, 44.2458, 47.9184



9.4280, 9.9892, 10.7415



11.3914, 22.7825, 3.7971



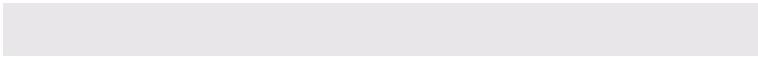
0.3584, 0.7168, 0.1195

Inverse Universe

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



41.9229, 43.7311, 48.3531



76.0891, 79.4364, 87.7036



41.8261, 43.6924, 47.8429



9.4767, 9.9000, 10.9177



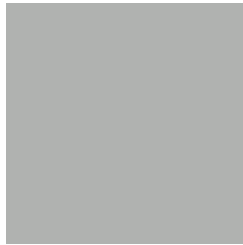
18.8848, 9.0713, 30.8926



0.5942, 0.2854, 0.9720

Previews

White Background



This preview shows how the XYZ color 41.6614, 44.2055, 47.4110 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 41.6614, 44.2055, 47.4110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

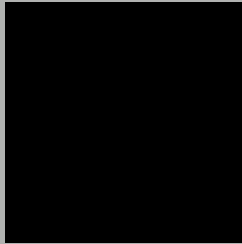
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

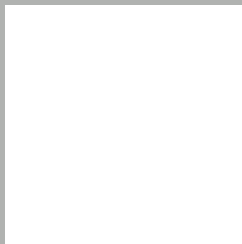
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.6614, 44.2055, 47.4110

Background



This preview shows how black text looks on a background with the XYZ color 41.6614, 44.2055, 47.4110.

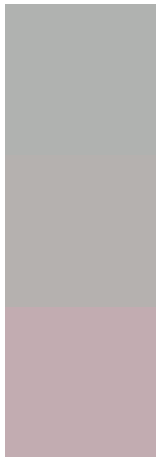


This preview shows how white text looks on a background with the XYZ color 41.6614, 44.2055,

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

41.6614, 44.2055, 47.4110

Protanopia

42.5161, 44.3632, 46.8796

Deuteranopia

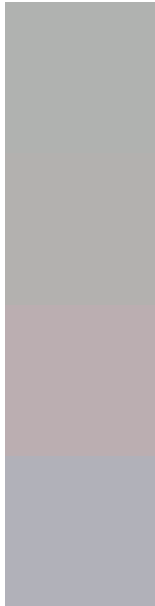
44.9365, 44.1487, 47.7481



Tritanopia

43.1797, 44.2334, 54.9773

Trichromacy



Original Color

41.6614, 44.2055, 47.4110

Protanomaly

42.0504, 44.1231, 46.8578

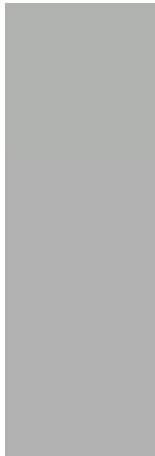
Deuteranomaly

43.5654, 44.0112, 47.7938

Tritanomaly

42.6106, 44.2942, 52.2028

Monochromacy



Original Color

41.6614, 44.2055, 47.4110

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.7894, 43.9657, 47.8787

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.6614, 44.2055, 47.4110 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(176, 178, 176)` looks like.

```
.text, #text, p{  
    color:rgb(176, 178, 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(176, 178, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 178, 176) }
```

Border

The CSS property to change the border of an element to XYZ 41.6614, 44.2055, 47.4110 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(176, 178, 176) }
```

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

```
.border{ border-color:rgb(176, 178, 176) }
```

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

Here you see how a box with a 4 pixel rgb(176, 178, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 178, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 178, 176);  
box-shadow:4px 4px 4px 4px rgb(176, 178,  
176) }
```


Background

The CSS property to change the background color of an element to XYZ 41.6614, 44.2055, 47.4110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 178, 176) }
```

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

```
.background{ background-color: rgb(176,  
178, 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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