

Converting Colors

XYZ(42.3117, 44.3981, 47.5046)

Have a look what the booklet for
XYZ(42.3117, 44.3981, 47.5046)
contains.

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Color

**XYZ(42.3473, 44.5591,
47.4431)**

Conversions

Conversions Part 1

Format	Color
Hex	B3B2B0
RGB	179, 178, 176
RGB Percent	70%, 70%, 69%
CMY	0.2980, 0.3019, 0.3098
CMYK	0.00, 0.01, 0.02, 0.30
HSL	40°, 2%, 70%
HSV	40°, 2%, 70%
XYZ	42.3473, 44.5591, 47.4431
YIQ	178.0710, 1.2380, -0.4100

Conversions

Conversions Part 2

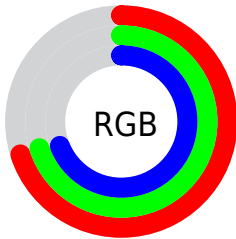
Format	Color
RYB	178, 179, 176
Decimal	11776688
CIELab	72.60, -0.01, 1.14
CIELCh	73, 1.136, 90.726
Yxy	44.5591, 0.3152, 0.3317
Android (android.graphics.Color)	4289966768 (0xFFB3B2B0)
YUV	178.0710, -1.0210, 0.8147
Hunter-Lab	66.7526, -3.5781, 4.5876

Details

The XYZ color **42.3473, 44.5591, 47.4431** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.7634, 43.9285, 48.9264**, and the grayscale version is **42.3603, 44.5664, 48.5328**.

A 20% lighter version of the original color is **78.2493, 82.3340, 88.1118**, and **19.5759, 20.5581, 22.0051** is the 20% darker color. If you saturate the color by 10%, you get **39.5342, 41.5824, 38.3359**, and if you desaturate by 10%, it is **45.4478, 47.7357, 57.7994**.

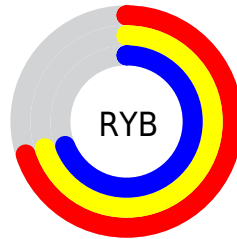
Distribution



Red (70%)

Green (70%)

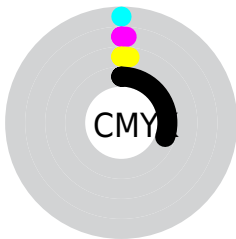
Blue (69%)



Red (70%)

Yellow (70%)

Blue (69%)

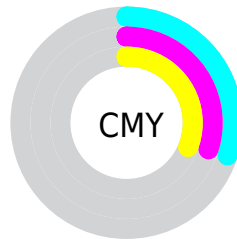


Cyan (0%)

Magenta (1%)

Yellow (2%)

Black (30%)



Cyan (30%)

Magenta (30%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.3473, 44.5591, 47.4431 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 42.3473, 44.5591, 47.4431 by changing the saturation by 10% instead.

■ 42.3473, 44.5591,
47.4431

■ 42.3473, 44.5591,
47.4431

346.8878,
364.9850, 393.0253

■ 29.5656, 31.1103,
33.0292

■ 77.9869, 82.0584,
87.7316

■ 19.6556, 20.6828,
21.8775

101.5754,
106.8777, 114.4432

■ 12.2517, 12.8924,
13.5695

129.4970,
136.2559, 146.0912

■ 6.9888, 7.3545,
7.6865

162.1170,
170.5774, 183.0941

■ 3.5013, 3.6848,
3.8101

199.8007,
210.2267, 225.8704

■ 1.4241, 1.4988,
1.5218

242.9135,

■ 0.2733, 0.2879,

255.5882, 274.8387

0.2341

291.8208,
307.0461, 330.4175

■ 0.0000, 0.0000,
0.0000

■ 42.3473, 44.5591,
47.4431

■ 42.3473, 44.5591,
47.4431

■ 39.5342, 41.5824,
38.3359

■ 45.4478, 47.7357,
57.7994

■ 36.9950, 38.7950,
30.4271

■ 48.8413, 51.1112,
69.4474

■ 34.7208, 36.1936,
23.6663

■ 52.5376, 54.6919,
82.4310

■ 32.7004, 33.7727,
17.9990

■ 56.5451, 58.4823,
96.7913

■ 30.9220, 31.5265,
13.3657

■ 59.1344, 61.7913,
103.4179

■ 29.3725, 29.4487,
9.7015

■ 60.6097, 64.7418,
103.9097

■ 28.0377, 27.5323,
6.9340

■ 62.1398, 67.8021,
104.4197

■ 26.9010, 25.7696,
4.9804

■ 63.7255, 70.9735,
104.9483

■ 25.9431, 24.1518,
3.7426

■ 65.3673, 74.2570,
105.4956

Harmonies

Analogous

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



42.5371, 44.5591, 47.5793



42.3473, 44.5591, 47.4431



42.1593, 44.5591, 47.5929

Triad

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



42.3473, 44.5591, 47.4431



42.0281, 44.5591, 49.0724



42.6826, 44.5591, 49.0484

Complementary

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



42.3473, 44.5591, 47.4431



41.7634, 43.9285, 48.9264

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.



42.5455, 44.5591, 49.4536



42.3473, 44.5591, 47.4431



42.1676, 44.5591, 49.4675

Square

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



42.3473, 44.5591, 47.4431



41.9753, 44.5591, 48.5310



42.3569, 44.5591, 49.6076



42.7311, 44.5591, 48.5036

Rectangle

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



42.3473, 44.5591, 47.4431



42.0602, 44.5591, 47.8354



42.3569, 44.5591, 49.6076



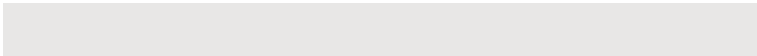
42.6453, 44.5591, 49.2056

Sweetspot

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



42.3486, 44.5610, 47.4441



76.1939, 80.1702, 86.1225



42.0522, 43.8094, 47.8353



16.8871, 17.7683, 19.1013



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



42.3486, 44.5610, 47.4441



75.6550, 79.6095, 84.3481



42.4323, 44.8997, 47.5050



9.4271, 9.9198, 10.5346



17.9039, 16.3063, 2.2038



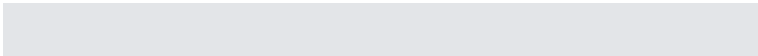
0.6142, 0.6148, 0.0863

Inverse Universe

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



41.7634, 43.9285, 48.9264



74.3861, 78.2381, 87.5621



41.6804, 43.5945, 48.8663



9.2822, 9.7632, 10.9016



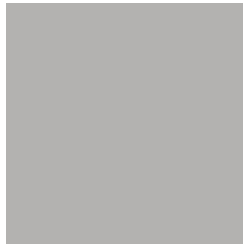
6.9267, 4.6537, 30.6702



0.2729, 0.2563, 0.9833

Previews

White Background



This preview shows how the XYZ color 42.3473, 44.5591, 47.4431 looks on a white background.

Color Contrast Check

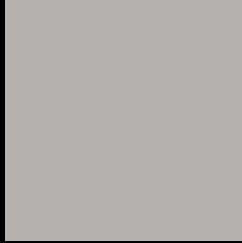
Large Text (above 18pt) WCAG AA × Fail

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 42.3473, 44.5591, 47.4431 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

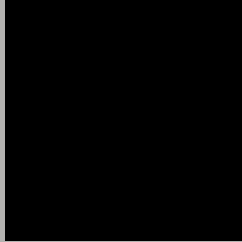
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

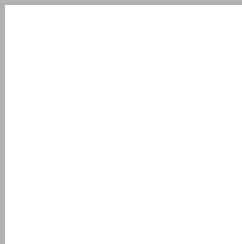
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.3473, 44.5591, 47.4431

Background



This preview shows how black text looks on a background with the XYZ color 42.3473, 44.5591, 47.4431.

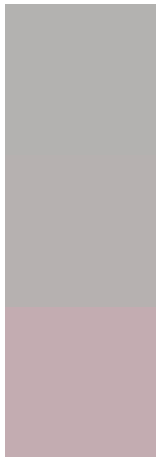


This preview shows how white text looks on a background with the XYZ color 42.3473, 44.5591,

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

42.3473, 44.5591, 47.4431

Protanopia

42.8500, 44.5240, 47.4098

Deuteranopia

45.1940, 44.2815, 47.7602



Tritanopia

43.8757, 44.5921, 55.0098

Trichromacy



Original Color

42.3473, 44.5591, 47.4431

Protanomaly

42.6147, 44.4026, 47.3988

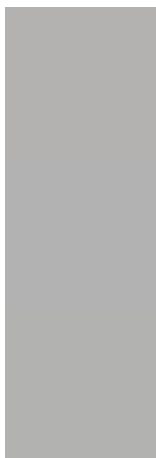
Deuteranomaly

44.0581, 44.2652, 47.8169

Tritanomaly

43.3015, 44.6504, 52.2351

Monochromacy



Original Color

42.3473, 44.5591, 47.4431

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.2163, 44.4801, 47.9555

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3473, 44.5591, 47.4431 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(179, 178, 176)` looks like.

```
.text, #text, p{  
    color:rgb(179, 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(179, 178, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 178, 176) }
```

Border

The CSS property to change the border of an element to XYZ 42.3473, 44.5591, 47.4431 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(179, 178, 176) }
```


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

```
.border{ border-color:rgb(179, 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(179, 178, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 178, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 178, 176);  
box-shadow:4px 4px 4px 4px rgb(179, 178,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3473, 44.5591, 47.4431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 178, 176) }
```

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

```
.background{ background-color: rgb(179,  
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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