

Converting Colors

XYZ(42.4421, 43.7828, 47.2432)

Have a look what the booklet for
XYZ(42.4421, 43.7828, 47.2432)
contains.

XYZ(42.4578, 43.7396, 47.2791)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(42.4578, 43.7396,
47.2791)**

Conversions

Conversions Part 1

Format	Color
Hex	B6AFB0
RGB	182, 175, 176
RGB Percent	71%, 69%, 69%
CMY	0.2863, 0.3137, 0.3098
CMYK	0.00, 0.04, 0.03, 0.29
HSL	351°, 5%, 70%
HSV	351°, 4%, 71%
XYZ	42.4578, 43.7396, 47.2791
YIQ	177.2070, 3.8510, 1.7950

Conversions

Conversions Part 2

Format	Color
RYB	182, 175, 176
Decimal	11972528
CIELab	72.05, 2.67, 0.37
CIELCh	72, 2.698, 7.847
Yxy	43.7396, 0.3181, 0.3277
Android (android.graphics.Color)	4290162608 (0xFFB6AFB0)
YUV	177.2070, -0.5951, 4.2035
Hunter-Lab	66.1359, -1.1448, 3.9100

Details

The XYZ color **42.4578, 43.7396, 47.2791** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.7492, 45.9071, 50.3261**, and the grayscale version is **41.9013, 44.0835, 48.0069**.

A 20% lighter version of the original color is **78.4013, 81.1552, 87.8763**, and **19.7743, 20.2883, 21.9426** is the 20% darker color. If you saturate the color by 10%, you get **37.6952, 36.5449, 38.5059**, and if you desaturate by 10%, it is **47.8779, 51.9640, 57.1486**.

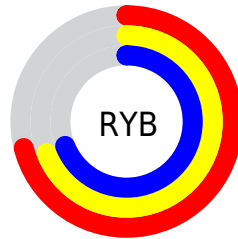
Distribution



Red (71%)

Green (69%)

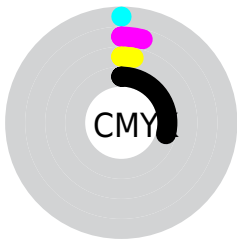
Blue (69%)



Red (71%)

Yellow (69%)

Blue (69%)

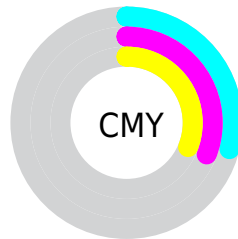


Cyan (0%)

Magenta (4%)

Yellow (3%)

Black (29%)



Cyan (29%)

Magenta (31%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.4578, 43.7396, 47.2791 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 42.4578, 43.7396, 47.2791 by changing the saturation by 10% instead.

■ 42.4578, 43.7396,
47.2791

■ 42.4578, 43.7396,
47.2791

347.3366,
361.6446, 392.3535

■ 29.6526, 30.4658,
32.9004

■ 78.1528, 80.8258,
87.4844

■ 19.7218, 20.1924,
21.7797

101.7734,
105.4070, 114.1481

■ 12.3001, 12.5350,
13.4983

129.7298,
134.5261, 145.7440

■ 7.0220, 7.1091,
7.6378

162.3874,
168.5676, 182.6904

■ 3.5223, 3.5305,
3.7797

200.1115,
207.9157, 225.4061

■ 1.4356, 1.4145,
1.5053

243.2675,

■ 0.2814, 0.2274,

252.9550, 274.3094

0.2218

292.2208,
304.0699, 329.8190

■ 0.0000, 0.0000,
0.0000

■ 42.4578, 43.7396,
47.2791

■ 42.4578, 43.7396,
47.2791

■ 37.6952, 36.5449,
38.5059

■ 47.8779, 51.9640,
57.1486

■ 33.5614, 30.3338,
30.7882

■ 53.9754, 61.2506,
68.1474

■ 30.0312, 25.0653,
24.0869

■ 60.7739, 71.6372,
80.3109

■ 27.0761, 20.6933,
18.3595

■ 68.2949, 83.1583,
93.6719

■ 24.6652, 17.1676,
13.5605

■ 72.9469, 88.6233,
107.0581

■ 22.7651, 14.4334,
9.6404

■ 73.1016, 88.6852,
107.8728

■ 21.3381, 12.4291,
6.5456

■ 20.3417, 11.0841,
4.2160

■ 19.7250, 10.3138,
2.5834

Harmonies

Analogous

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



42.3999, 43.7396, 48.5890



42.4578, 43.7396, 47.2791



42.2773, 43.7396, 46.0838

Triad

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



42.4578, 43.7396, 47.2791



41.0315, 43.7396, 45.6477



41.2397, 43.7396, 50.0160

Complementary

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



42.4578, 43.7396, 47.2791



42.7492, 45.9071, 50.3261

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.



40.8769, 43.7396, 49.2002



42.4578, 43.7396, 47.2791



40.7573, 43.7396, 46.6738

Square

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



42.4578, 43.7396, 47.2791



41.4522, 43.7396, 45.1533



40.7009, 43.7396, 47.9726



41.6944, 43.7396, 50.1853

Rectangle

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



42.4578, 43.7396, 47.2791



42.0469, 43.7396, 45.5071



40.7009, 43.7396, 47.9726



41.1031, 43.7396, 49.8075

Sweetspot

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



42.4590, 43.7415, 47.2800



79.6323, 83.3251, 90.5717



42.8191, 43.8570, 50.4649



17.5995, 18.4208, 20.0248



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



42.4590, 43.7415, 47.2800



75.8421, 77.5841, 83.6378



42.8417, 44.6641, 46.9228



9.4683, 9.6567, 10.3982



13.7698, 7.0817, 1.4084



0.5022, 0.2563, 0.1378

Inverse Universe

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



42.4590, 43.7415, 47.2800



75.8421, 77.5841, 83.6378



42.3548, 44.9539, 50.7011



9.4683, 9.6567, 10.3982



13.7698, 7.0817, 1.4084



0.5022, 0.2563, 0.1378

Previews

White Background



This preview shows how the XYZ color 42.4578, 43.7396, 47.2791 looks on a white background.

Color Contrast Check

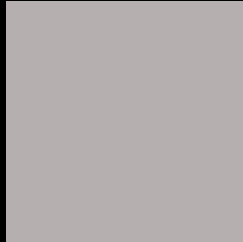
Large Text (above 18pt) WCAG AA × Fail

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 42.4578, 43.7396, 47.2791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

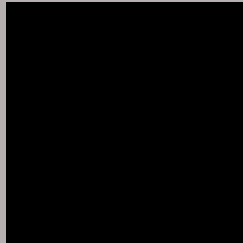
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.4578, 43.7396, 47.2791

Background



This preview shows how black text looks on a background with the XYZ color 42.4578, 43.7396, 47.2791.

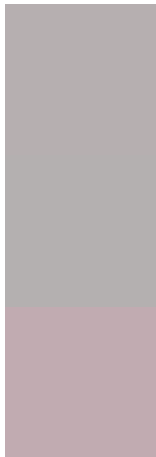


This preview shows how white text looks on a background with the XYZ color 42.4578, 43.7396,

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

42.4578, 43.7396, 47.2791

Protanopia

42.1842, 43.8886, 47.3223

Deuteranopia

44.4910, 43.6376, 47.6729



Tritanopia

43.6804, 43.6653, 53.1398

Trichromacy



Original Color

42.4578, 43.7396, 47.2791

Protanomaly

42.4179, 44.0090, 47.3332

Deuteranomaly

43.6746, 43.4982, 47.6891

Tritanomaly

43.2117, 43.7583, 50.9684

Monochromacy



Original Color

42.4578, 43.7396, 47.2791

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.0516, 43.8087, 47.8345

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.4578, 43.7396, 47.2791 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(182, 175, 176)` looks like.

```
.text, #text, p{  
    color:rgb(182, 175, 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(182, 175, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 175, 176) }
```

Border

The CSS property to change the border of an element to XYZ 42.4578, 43.7396, 47.2791 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(182, 175, 176) }
```


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

```
.border{ border-color:rgb(182, 175, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 175, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 175, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 175, 176);  
box-shadow:4px 4px 4px 4px rgb(182, 175,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 42.4578, 43.7396, 47.2791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 175, 176) }
```

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

```
.background{ background-color: rgb(182,  
175, 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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