

Converting Colors

XYZ(42.6476, 43.2528, 47.6979)

Have a look what the booklet for
XYZ(42.6476, 43.2528, 47.6979)
contains.

XYZ(42.6465, 43.2518, 47.6957)	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(42.6465, 43.2518,
47.6957)**

Conversions

Conversions Part 1

Format	Color
Hex	B8ADB1
RGB	184, 173, 177
RGB Percent	72%, 68%, 69%
CMY	0.2784, 0.3216, 0.3059
CMYK	0.00, 0.06, 0.04, 0.28
HSL	338°, 7%, 70%
HSV	338°, 6%, 72%
XYZ	42.6465, 43.2518, 47.6957
YIQ	176.7450, 5.2720, 3.5760

Conversions

Conversions Part 2

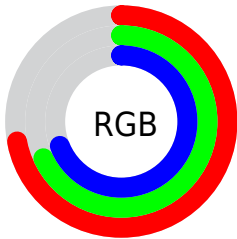
Format	Color
RYB	184, 173, 177
Decimal	12103089
CIELab	71.73, 4.65, -0.64
CIELCh	72, 4.699, 352.152
Yxy	43.2518, 0.3192, 0.3238
Android (android.graphics.Color)	4290293169 (0xFFB8ADB1)
YUV	176.7450, 0.1257, 6.3626
Hunter-Lab	65.7661, 0.6589, 3.0372

Details

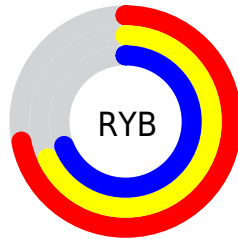
The XYZ color **42.6465, 43.2518, 47.6957** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.6139, 46.4615, 49.9042**, and the grayscale version is **41.6546, 43.8239, 47.7242**.

A 20% lighter version of the original color is **78.3866, 79.8953, 88.3807**, and **19.8355, 19.9553, 21.8751** is the 20% darker color. If you saturate the color by 10%, you get **38.2408, 36.2288, 40.7127**, and if you desaturate by 10%, it is **47.6408, 51.2905, 55.3704**.

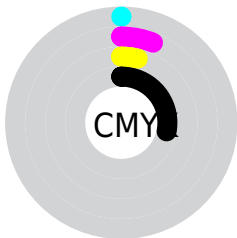
Distribution



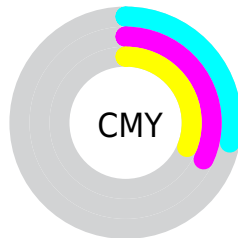
- Red (72%)
- Green (68%)
- Blue (69%)



- Red (72%)
- Yellow (68%)
- Blue (69%)



- Cyan (0%)
- Magenta (6%)
- Yellow (4%)
- Black (28%)



- Cyan (28%)
- Magenta (32%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.6465, 43.2518, 47.6957 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 42.6465, 43.2518, 47.6957 by changing the saturation by 10% instead.

■ 42.6465, 43.2518,
47.6957

■ 42.6465, 43.2518,
47.6957

348.1022,
359.6463, 394.0585

■ 29.8012, 30.0827,
33.2277

■ 78.4362, 80.0907,
88.1120

■ 19.8350, 19.9014,
22.0284

102.1113,
104.5293, 114.8973

■ 12.3828, 12.3234,
13.6792

130.1269,
133.4932, 146.6256

■ 7.0790, 6.9643,
7.7617

162.8486,
167.3669, 183.7152

■ 3.5583, 3.4398,
3.8573

200.6416,
206.5346, 226.5848

■ 1.4554, 1.3654,
1.5474

243.8713,

■ 0.2952, 0.1910,

251.3808, 275.6528

0.2529

292.9030,
302.2899, 331.3379

■ 0.0000, 0.0000,
0.0000

■ 42.6465, 43.2518,
47.6957

■ 42.6465, 43.2518,
47.6957

■ 38.2408, 36.2288,
40.7127

■ 47.6408, 51.2905,
55.3704

■ 34.3978, 30.1754,
34.3987

■ 53.2409, 60.3773,
63.7528

■ 31.0951, 25.0502,
28.7340

■ 59.4682, 70.5504,
72.8621

■ 28.3071, 20.8067,
23.6967

■ 66.3417, 81.8442,
82.7158

■ 26.0063, 17.3944,
19.2636

■ 70.6043, 87.7412,
92.2389

■ 24.1625, 14.7576,
15.4098

■ 72.3584, 88.4429,
101.4761

■ 22.7419, 12.8335,
12.1085

■ 73.5774, 88.9305,
107.8951

■ 21.7055, 11.5498,
9.3303

■ 21.0041, 10.8137,
7.0412

Harmonies

Analogous

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



42.3316, 43.2518, 49.8385



42.6465, 43.2518, 47.6957



42.5454, 43.2518, 45.4582

Triad

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



42.6465, 43.2518, 47.6957



40.5344, 43.2518, 43.1446



40.1764, 43.2518, 50.6454

Complementary

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



42.6465, 43.2518, 47.6957



42.6139, 46.4615, 49.9042

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.



39.7064, 43.2518, 48.7683



42.6465, 43.2518, 47.6957



39.9112, 43.2518, 44.4519

Square

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



42.6465, 43.2518, 47.6957



41.3192, 43.2518, 42.8783



39.6100, 43.2518, 46.4971



40.9006, 43.2518, 51.5770

Rectangle

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



42.6465, 43.2518, 47.6957



42.2562, 43.2518, 44.2093



39.6100, 43.2518, 46.4971



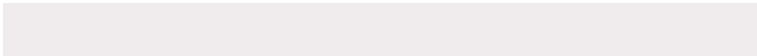
39.9838, 43.2518, 50.1012

Sweetspot

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



42.6477, 43.2537, 47.6966



80.7496, 83.9295, 91.7958



42.4114, 43.0491, 51.4219



17.4285, 18.1265, 19.8209



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.



42.6477, 43.2537, 47.6966



76.3456, 76.8642, 84.9555



42.5378, 43.6620, 45.7231



9.3249, 9.3669, 10.3602



14.3504, 7.3139, 4.4659



0.5361, 0.2699, 0.3166

Inverse Universe

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



42.6477, 43.2537, 47.6966



76.3456, 76.8642, 84.9555



42.7240, 46.0208, 51.9790



9.3249, 9.3669, 10.3602



14.3504, 7.3139, 4.4659



0.5361, 0.2699, 0.3166

Previews

White Background



This preview shows how the XYZ color 42.6465, 43.2518, 47.6957 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 42.6465, 43.2518, 47.6957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

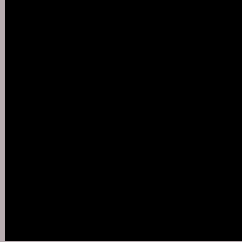
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.6465, 43.2518, 47.6957

Background



This preview shows how black text looks on a background with the XYZ color 42.6465, 43.2518, 47.6957.



This preview shows how white text looks on a background with the XYZ color 42.6465, 43.2518,

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

42.6465, 43.2518, 47.6957

Protanopia

41.7260, 43.3393, 48.2856

Deuteranopia

44.1488, 43.1703, 48.1253



Tritanopia

43.5171, 43.3221, 51.9673

Trichromacy



Original Color

42.6465, 43.2518, 47.6957

Protanomaly

41.9943, 43.1898, 48.2426

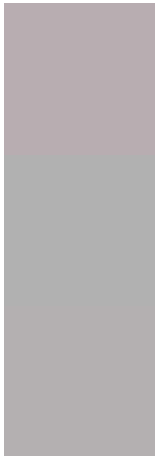
Deuteranomaly

43.5851, 43.1590, 48.1528

Tritanomaly

43.2036, 43.1967, 50.3167

Monochromacy



Original Color

42.6465, 43.2518, 47.6957

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.2835, 43.9283, 47.8454

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.6465, 43.2518, 47.6957 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(184, 173, 177)` looks like.

```
.text, #text, p{  
    color:rgb(184, 173, 177)  
}
```

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(184, 173, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 173, 177) }
```

Border

The CSS property to change the border of an element to XYZ 42.6465, 43.2518, 47.6957 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(184, 173, 177) }
```


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

```
.border{ border-color:rgb(184, 173, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 173, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 173, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 173, 177);  
box-shadow:4px 4px 4px 4px rgb(184, 173,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 42.6465, 43.2518, 47.6957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 173, 177) }
```

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

```
.background{ background-color: rgb(184,  
173, 177) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor