

Converting Colors

XYZ(42.3378, 43.4392, 46.9784)

Have a look what the booklet for
XYZ(42.3378, 43.4392, 46.9784)
contains.

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Color

**XYZ(42.2639, 43.3518,
47.2145)**

Conversions

Conversions Part 1

Format	Color
Hex	B6AEB0
RGB	182, 174, 176
RGB Percent	71%, 68%, 69%
CMY	0.2863, 0.3176, 0.3098
CMYK	0.00, 0.04, 0.03, 0.29
HSL	345°, 5%, 70%
HSV	345°, 4%, 71%
XYZ	42.2639, 43.3518, 47.2145
YIQ	176.6200, 4.1260, 2.3180

Conversions

Conversions Part 2

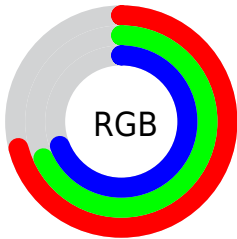
Format	Color
RYB	182, 174, 176
Decimal	11972272
CIELab	71.79, 3.22, -0.01
CIELCh	72, 3.216, 359.776
Yxy	43.3518, 0.3182, 0.3264
Android (android.graphics.Color)	4290162352 (0xFFB6AEB0)
YUV	176.6200, -0.3057, 4.7183
Hunter-Lab	65.8421, -0.6449, 3.5734

Details

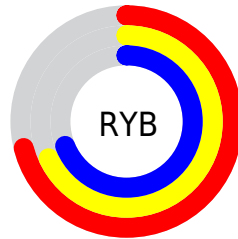
The XYZ color **42.2639, 43.3518, 47.2145** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.4233, 45.7509, 49.7771**, and the grayscale version is **41.5918, 43.7578, 47.6522**.

A 20% lighter version of the original color is **77.8447, 80.0420, 87.6907**, and **19.6509, 20.0414, 21.9015** is the 20% darker color. If you saturate the color by 10%, you get **37.6997, 36.2775, 39.3591**, and if you desaturate by 10%, it is **47.4430, 51.4371, 55.9465**.

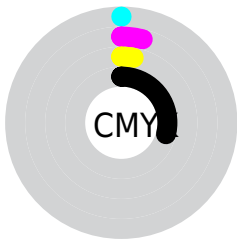
Distribution



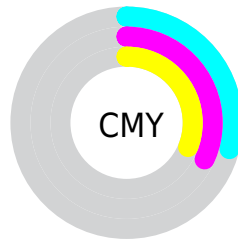
- Red (71%)
- Green (68%)
- Blue (69%)



- Red (71%)
- Yellow (68%)
- Blue (69%)



- Cyan (0%)
- Magenta (4%)
- Yellow (3%)
- Black (29%)



- Cyan (29%)
- Magenta (32%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.2639, 43.3518, 47.2145 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 42.2639, 43.3518, 47.2145 by changing the saturation by 10% instead.

■ 42.2639, 43.3518,
47.2145

■ 42.2639, 43.3518,
47.2145

346.5488,
360.0565, 392.0886

■ 29.5000, 30.1612,
32.8497

■ 77.8615, 80.2415,
87.3870

■ 19.6056, 19.9610,
21.7412

101.4260,
104.7094, 114.0319

■ 12.2152, 12.3667,
13.4703

129.3213,
133.7052, 145.6071

■ 6.9637, 6.9939,
7.6187

161.9129,
167.6133, 182.5313

■ 3.4855, 3.4583,
3.7677

199.5661,
206.8181, 225.2230

■ 1.4154, 1.3754,
1.4988

242.6462,

■ 0.2672, 0.1985,

251.7039, 274.1008

0.2170

291.5187,
302.6553, 329.5831

0.0000, 0.0000,
0.0000

42.2639, 43.3518,
47.2145

42.2639, 43.3518,
47.2145

37.6997, 36.2775,
39.3591

47.4430, 51.4371,
55.9465

33.7235, 30.1689,
32.3501

53.2550, 60.5652,
65.5785

30.3123, 24.9855,
26.1597

59.7218, 70.7734,
76.1364

27.4397, 20.6821,
20.7573

66.8633, 82.0957,
87.6443

25.0773, 17.2092,
16.1105

71.4230, 88.0138,
99.0336

■ 23.1941, 14.5127,
12.1847

■ 73.1016, 88.6852,
107.8728

■ 21.7557, 12.5320,
8.9420

■ 20.7224, 11.1973,
6.3413

■ 20.0473, 10.4247,
4.3361

Harmonies

Analogous

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



42.1189, 43.3518, 48.7333



42.2639, 43.3518, 47.2145



42.1230, 43.3518, 45.7245

Triad

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



42.2639, 43.3518, 47.2145



40.6852, 43.3518, 44.6396



40.6781, 43.3518, 49.8500

Complementary

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



42.2639, 43.3518, 47.2145



42.4233, 45.7509, 49.7771

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.



40.2996, 43.3518, 48.7125



42.2639, 43.3518, 47.2145



40.3036, 43.3518, 45.7046

Square

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



42.2639, 43.3518, 47.2145



41.2087, 43.3518, 44.2580



40.1631, 43.3518, 47.1910



41.2005, 43.3518, 50.2753

Rectangle

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



42.2639, 43.3518, 47.2145



41.8866, 43.3518, 44.9430



40.1631, 43.3518, 47.1910



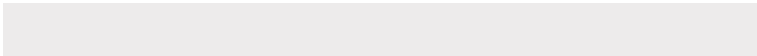
40.5300, 43.3518, 49.5370

Sweetspot

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



42.2651, 43.3537, 47.2154



79.6691, 83.3399, 90.7655



42.4033, 43.3548, 50.3898



17.6072, 18.4239, 20.0654



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.



42.2651, 43.3537, 47.2154



76.0183, 77.6546, 84.5656



42.4581, 44.0534, 46.3121



9.4925, 9.6664, 10.5259



13.9870, 7.1685, 2.5522



0.5186, 0.2629, 0.2246

Inverse Universe

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



42.2651, 43.3537, 47.2154



76.0183, 77.6546, 84.5656



42.2218, 45.0199, 50.7208



9.4925, 9.6664, 10.5259



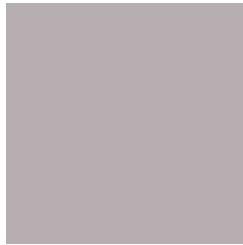
13.9870, 7.1685, 2.5522



0.5186, 0.2629, 0.2246

Previews

White Background



This preview shows how the XYZ color 42.2639, 43.3518, 47.2145 looks on a white background.

Color Contrast Check

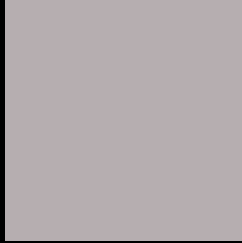
Large Text (above 18pt) WCAG AA × Fail

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 42.2639, 43.3518, 47.2145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

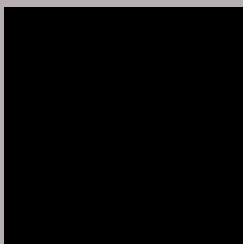
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

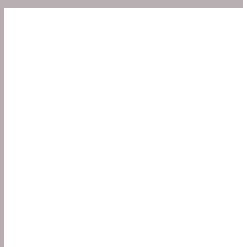
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.2639, 43.3518, 47.2145

Background



This preview shows how black text looks on a background with the XYZ color 42.2639, 43.3518, 47.2145.

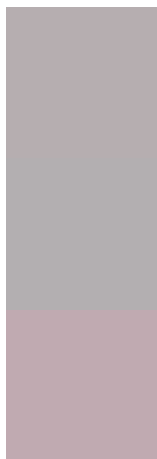


This preview shows how white text looks on a background with the XYZ color 42.2639, 43.3518,

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

42.2639, 43.3518, 47.2145

Protanopia

41.8562, 43.4180, 47.7694

Deuteranopia

44.0488, 43.1302, 47.5983



Tritanopia

43.1439, 43.1175, 52.5030

Trichromacy



Original Color

42.2639, 43.3518, 47.2145

Protanomaly

42.0882, 43.5376, 47.7803

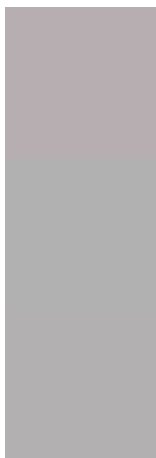
Deuteranomaly

43.2378, 42.9915, 47.6143

Tritanomaly

42.9155, 43.3318, 50.3580

Monochromacy



Original Color

42.2639, 43.3518, 47.2145

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 42.2639, 43.3518, 47.2145 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, 174, 176)` looks like.

```
.text, #text, p{  
    color:rgb(182, 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(182, 174, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 174, 176) }
```

Border

The CSS property to change the border of an element to XYZ 42.2639, 43.3518, 47.2145 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, 174, 176) }
```


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

```
.border{ border-color:rgb(182, 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(182, 174, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 174, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 174, 176);  
box-shadow:4px 4px 4px 4px rgb(182, 174,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 42.2639, 43.3518, 47.2145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 174, 176) }
```

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

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