

Converting Colors

XYZ(42.1701, 43.3318, 49.4691)

Have a look what the booklet for
XYZ(42.1701, 43.3318, 49.4691)
contains.

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Color

**XYZ(42.1967, 43.2707,
49.3081)**

Conversions

Conversions Part 1

Format	Color
Hex	B4AEB4
RGB	180, 174, 180
RGB Percent	71%, 68%, 71%
CMY	0.2941, 0.3176, 0.2941
CMYK	0.00, 0.03, 0.00, 0.29
HSL	300°, 4%, 69%
HSV	300°, 3%, 71%
XYZ	42.1967, 43.2707, 49.3081
YIQ	176.4780, 1.6500, 3.1380

Conversions

Conversions Part 2

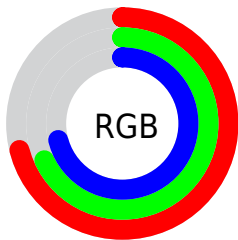
Format	Color
RYB	180, 174, 180
Decimal	11841204
CIELab	71.74, 3.25, -2.31
CIELCh	72, 3.988, 324.563
Yxy	43.2707, 0.3131, 0.3211
Android (android.graphics.Color)	4290031284 (0xFFB4AEB4)
YUV	176.4780, 1.7363, 3.0888
Hunter-Lab	65.7805, -0.6121, 1.6034

Details

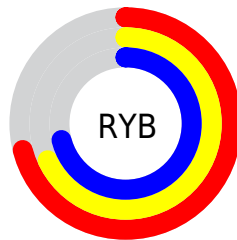
The XYZ color **42.1967, 43.2707, 49.3081** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.4185, 44.6984, 46.4913**, and the grayscale version is **41.5081, 43.6697, 47.5563**.

A 20% lighter version of the original color is **77.7517, 79.9276, 90.6865**, and **19.5427, 19.9634, 22.9020** is the 20% darker color. If you saturate the color by 10%, you get **38.9502, 36.7771, 48.2262**, and if you desaturate by 10%, it is **45.9117, 50.7000, 50.5472**.

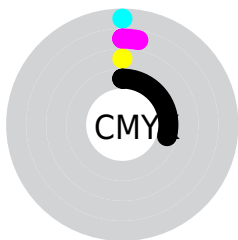
Distribution



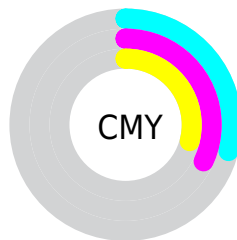
- Red (71%)
- Green (68%)
- Blue (71%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.1967, 43.2707, 49.3081 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 42.1967, 43.2707, 49.3081 by changing the saturation by 10% instead.

■ 42.1967, 43.2707,
49.3081

■ 42.1967, 43.2707,
49.3081

346.2755,
359.7238, 400.6113

■ 29.4471, 30.0976,
34.4966

■ 77.7605, 80.1192,
90.5346

■ 19.5653, 19.9127,
22.9949

101.3055,
104.5634, 117.7867

■ 12.1859, 12.3316,
14.3845

129.1796,
133.5333, 150.0228

■ 6.9435, 6.9699,
8.2468

161.7483,
167.4134, 187.6613

■ 3.4728, 3.4433,
4.1632

199.3769,
206.5882, 231.1209

■ 1.4084, 1.3673,
1.7153

242.4307,

■ 0.2622, 0.1924,

251.4419, 280.8201

0.3712

291.2751,
302.3590, 337.1773

■ 0.0000, 0.0000,
0.0000

■ 42.1967, 43.2707,
49.3081

■ 42.1967, 43.2707,
49.3081

■ 38.9502, 36.7771,
48.2262

■ 45.9117, 50.7000,
50.5472

■ 36.1500, 31.1769,
47.2926

■ 50.1089, 59.0943,
51.9465

■ 33.7778, 26.4326,
46.5016

■ 54.8059, 68.4883,
53.5124

■ 31.8126, 22.5022,
45.8463

■ 60.0185, 78.9134,
55.2502

■ 30.2314, 19.3399,
45.3190

■ 62.8213, 84.5189,
56.1847

■ 29.0092, 16.8955,
44.9113

■ 62.8214, 84.5189,
56.1850

■ 28.1178, 15.1128,
44.6139

■ 62.8214, 84.5189,
56.1853

■ 27.5250, 13.9274,
44.4161

■ 62.8215, 84.5190,
56.1855

■ 27.1921, 13.2616,
44.3049

■ 62.8215, 84.5190,
56.1858

Harmonies

Analogous

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



41.6707, 43.2707, 50.5853



42.1967, 43.2707, 49.3081



42.4364, 43.2707, 47.4684

Triad

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



42.1967, 43.2707, 49.3081



41.2509, 43.2707, 43.5015



39.9555, 43.2707, 48.6804

Complementary

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



42.1967, 43.2707, 49.3081



41.4185, 44.6984, 46.4913

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.



39.8458, 43.2707, 46.7623



42.1967, 43.2707, 49.3081



40.5890, 43.2707, 43.8060

Square

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



42.1967, 43.2707, 49.3081



41.8865, 43.2707, 44.1432



40.0765, 43.2707, 44.9868



40.3777, 43.2707, 50.2161

Rectangle

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



42.1967, 43.2707, 49.3081



42.3997, 43.2707, 46.1837



40.0765, 43.2707, 44.9868



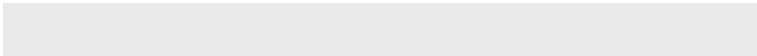
39.8810, 43.2707, 48.0576

Sweetspot

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



42.1979, 43.2726, 49.3090



77.9948, 81.4255, 89.9005



40.8318, 42.5683, 49.2452



16.8651, 17.6142, 19.4332



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.



42.1979, 43.2726, 49.3090



76.0503, 77.5365, 89.2522



41.8957, 43.1517, 47.7174



9.1893, 9.3253, 10.8219



18.8863, 9.0721, 30.8909



0.5942, 0.2854, 0.9720

Inverse Universe

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



42.1979, 43.2726, 49.3090



76.0503, 77.5365, 89.2522



41.7141, 44.8167, 48.0484



9.1893, 9.3253, 10.8219



18.8863, 9.0721, 30.8909



0.5942, 0.2854, 0.9720

Previews

White Background



This preview shows how the XYZ color 42.1967, 43.2707, 49.3081 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 42.1967, 43.2707, 49.3081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

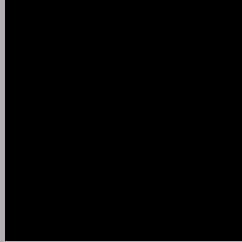
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

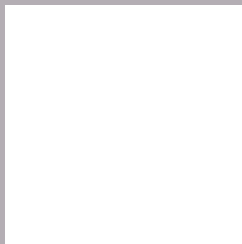
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.1967, 43.2707, 49.3081

Background



This preview shows how black text looks on a background with the XYZ color 42.1967, 43.2707, 49.3081.

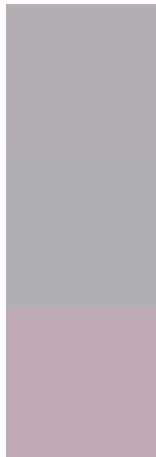


This preview shows how white text looks on a background with the XYZ color 42.1967, 43.2707,

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

42.1967, 43.2707, 49.3081

Protanopia

41.6997, 43.3023, 49.3404

Deuteranopia

43.9504, 43.0328, 49.7058



Tritanopia

42.9693, 43.2988, 53.1065

Trichromacy



Original Color

42.1967, 43.2707, 49.3081

Protanomaly

41.9283, 43.4202, 49.3511

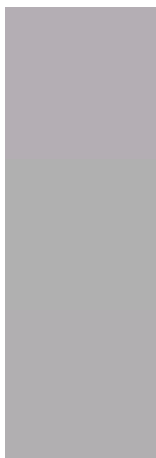
Deuteranomaly

43.1531, 42.9011, 49.7224

Tritanomaly

42.6514, 43.1716, 51.4324

Monochromacy



Original Color

42.1967, 43.2707, 49.3081

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.3972, 43.1814, 47.7479

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.1967, 43.2707, 49.3081 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(180, 174, 180) looks like.

```
.text, #text, p{  
    color:rgb(180, 174, 180)  
}
```

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(180, 174, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 174, 180) }
```

Border

The CSS property to change the border of an element to XYZ 42.1967, 43.2707, 49.3081 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(180, 174, 180) }
```


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

```
.border{ border-color:rgb(180, 174, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 174, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 174, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 174, 180);  
box-shadow:4px 4px 4px 4px rgb(180, 174,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 42.1967, 43.2707, 49.3081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 174, 180) }
```

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

```
.background{ background-color: rgb(180,  
174, 180) }
```

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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