

Converting Colors

XYZ(43.1499, 42.9099, 49.7177)

Have a look what the booklet for
XYZ(43.1499, 42.9099, 49.7177)
contains.

XYZ(43.1531, 42.9011, 49.7224)	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(43.1531, 42.9011,
49.7224)**

Conversions

Conversions Part 1

Format	Color
Hex	BAABB5
RGB	186, 171, 181
RGB Percent	73%, 67%, 71%
CMY	0.2706, 0.3294, 0.2902
CMYK	0.00, 0.08, 0.03, 0.27
HSL	320°, 10%, 70%
HSV	320°, 8%, 73%
XYZ	43.1531, 42.9011, 49.7224
YIQ	176.6250, 5.7300, 6.2900

Conversions

Conversions Part 2

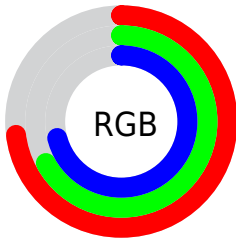
Format	Color
R _Y B	186, 171, 181
Decimal	12233653
CIE Lab	71.49, 7.19, -3.17
CIE LCh	71, 7.858, 336.185
Yxy	42.9011, 0.3178, 0.3160
Android (android.graphics.Color)	4290423733 (0xFFBAABB5)
YUV	176.6250, 2.1569, 8.2219
Hunter-Lab	65.4989, 2.9792, 0.8403

Details

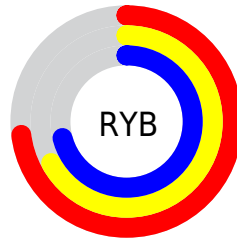
The XYZ color **43.1531, 42.9011, 49.7224** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.1916, 46.9115, 47.9076**, and the grayscale version is **41.5813, 43.7468, 47.6402**.

A 20% lighter version of the original color is **79.1004, 79.3844, 91.2744**, and **20.1660, 19.7387, 23.1692** is the 20% darker color. If you saturate the color by 10%, you get **39.2622, 36.1145, 45.3559**, and if you desaturate by 10%, it is **47.5692, 50.6916, 54.4048**.

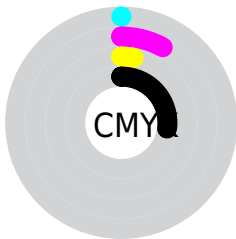
Distribution



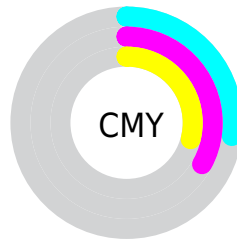
- Red (73%)
- Green (67%)
- Blue (71%)



- Red (73%)
- Yellow (67%)
- Blue (71%)



- Cyan (0%)
- Magenta (8%)
- Yellow (3%)
- Black (27%)



- Cyan (27%)
- Magenta (33%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.1531, 42.9011, 49.7224 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 43.1531, 42.9011, 49.7224 by changing the saturation by 10% instead.

■ 43.1531, 42.9011,
49.7224

■ 43.1531, 42.9011,
49.7224

350.1519,
358.2049, 402.2833

■ 30.2003, 29.8075,
34.8232

■ 79.1961, 79.5616,
91.1555

■ 20.1395, 19.6925,
23.2443

103.0170,
103.8973, 118.5265

■ 12.6053, 12.1717,
14.5670

131.1914,
132.7492, 150.8919

■ 7.2325, 6.8608,
8.3728

164.0845,
166.5016, 188.6702

■ 3.6555, 3.3752,
4.2433

202.0618,
205.5390, 232.2800

■ 1.5092, 1.3306,
1.7597

245.4885,

■ 0.3321, 0.1647,

250.2458, 282.1397

0.4012

294.7301,
301.0063, 338.6680

■ 0.0000, 0.0000,
0.0000

■ 43.1531, 42.9011,
49.7224

■ 43.1531, 42.9011,
49.7224

■ 39.2622, 36.1145,
45.3559

■ 47.5692, 50.6916,
54.4048

■ 35.8718, 30.2849,
41.2937

■ 52.5265, 59.5191,
59.4085

■ 32.9610, 25.3701,
37.5275

■ 58.0449, 69.4223,
64.7425

■ 30.5055, 21.3226,
34.0474

■ 64.1421, 80.4361,
70.4144

■ 28.4792, 18.0904,
30.8426

■ 67.8946, 86.7131,
75.4514

■ 26.8530, 15.6161,
27.9017

■ 68.6923, 87.0322,
79.6517

■ 25.5941, 13.8347,
25.2115

■ 69.5203, 87.3634,
84.0120

■ 24.6641, 12.6702,
22.7574

■ 70.3790, 87.7069,
88.5339

■ 24.0029, 12.0030,
20.5172

■ 71.2688, 88.0628,
93.2193

Harmonies

Analogous

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



42.2998, 42.9011, 52.8558



43.1531, 42.9011, 49.7224



43.3634, 42.9011, 45.9299

Triad

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



43.1531, 42.9011, 49.7224



40.5022, 42.9011, 39.8232



38.7531, 42.9011, 51.1562

Complementary

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



43.1531, 42.9011, 49.7224



42.1916, 46.9115, 47.9076

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.



38.2940, 42.9011, 47.5030



43.1531, 42.9011, 49.7224



39.2896, 42.9011, 41.0638

Square

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



43.1531, 42.9011, 49.7224



41.8142, 42.9011, 40.3462



38.4882, 42.9011, 43.8256



39.7555, 42.9011, 53.7145

Rectangle

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



43.1531, 42.9011, 49.7224



43.1068, 42.9011, 43.5639



38.4882, 42.9011, 43.8256



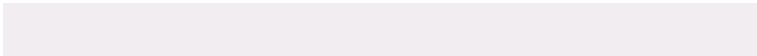
38.5311, 42.9011, 50.0082

Sweetspot

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



43.1543, 42.9030, 49.7233



82.9281, 86.0537, 95.1725



41.3320, 41.9032, 52.3647



18.2806, 18.9831, 20.9781



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



43.1543, 42.9030, 49.7233



76.6579, 75.0278, 88.4140



42.4054, 42.6034, 45.7795



9.2502, 9.1104, 10.6649



16.1063, 8.0163, 13.7125



0.5952, 0.2936, 0.6280

Inverse Universe

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



43.1543, 42.9030, 49.7233



76.6579, 75.0278, 88.4140



42.9543, 47.2166, 51.9238



9.2502, 9.1104, 10.6649



16.1063, 8.0163, 13.7125



0.5952, 0.2936, 0.6280

Previews

White Background



This preview shows how the XYZ color 43.1531, 42.9011, 49.7224 looks on a white background.

Color Contrast Check

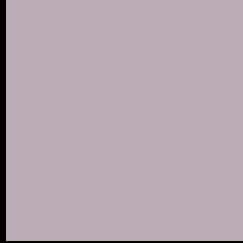
Large Text (above 18pt) WCAG AA × Fail

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 43.1531, 42.9011, 49.7224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

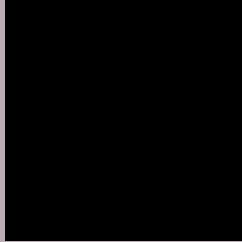
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.1531, 42.9011, 49.7224

Background



This preview shows how black text looks on a background with the XYZ color 43.1531, 42.9011, 49.7224.



This preview shows how white text looks on a background with the XYZ color 43.1531, 42.9011,

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

43.1531, 42.9011, 49.7224

Protanopia

41.5878, 42.9211, 50.8924

Deuteranopia

43.7015, 42.9045, 49.6941



Tritanopia

43.4643, 43.0256, 51.3614

Trichromacy



Original Color

43.1531, 42.9011, 49.7224

Protanomaly

42.2095, 42.9678, 50.3249

Deuteranomaly

43.4543, 42.7770, 49.6826

Tritanomaly

43.3599, 42.9838, 50.8111

Monochromacy



Original Color

43.1531, 42.9011, 49.7224

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.1882, 43.5776, 48.3072

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1531, 42.9011, 49.7224 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(186, 171, 181)` looks like.

```
.text, #text, p{  
    color:rgb(186, 171, 181)  
}
```

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(186, 171, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 171, 181) }
```

Border

The CSS property to change the border of an element to XYZ 43.1531, 42.9011, 49.7224 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(186, 171, 181) }
```


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

```
.border{ border-color:rgb(186, 171, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 171, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 171, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 171, 181);  
box-shadow:4px 4px 4px 4px rgb(186, 171,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1531, 42.9011, 49.7224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 171, 181) }
```

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

```
.background{ background-color: rgb(186,  
171, 181) }
```

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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