

Converting Colors

XYZ(42.9377, 49.0094, 36.9029)

Have a look what the booklet for
XYZ(42.9377, 49.0094, 36.9029)
contains.

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Color

**XYZ(43.1207, 49.2319,
36.9358)**

Conversions

Conversions Part 1

Format	Color
Hex	B4BF98
RGB	180, 191, 152
RGB Percent	71%, 75%, 60%
CMY	0.2941, 0.2510, 0.4039
CMYK	0.06, 0.00, 0.20, 0.25
HSL	77°, 23%, 67%
HSV	77°, 20%, 75%
XYZ	43.1207, 49.2319, 36.9358
YIQ	183.2650, 5.9630, -14.4610

Conversions

Conversions Part 2

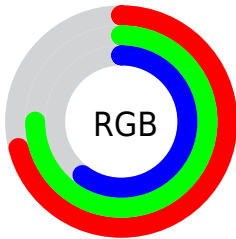
Format	Color
RYB	152, 191, 163
Decimal	11845528
CIELab	75.60, -10.61, 18.44
CIELCh	76, 21.274, 119.922
Yxy	49.2319, 0.3335, 0.3808
Android (android.graphics.Color)	4290035608 (0xFFB4BF98)
YUV	183.2650, -15.4136, -2.8634
Hunter-Lab	70.1654, -13.0910, 17.9050

Details

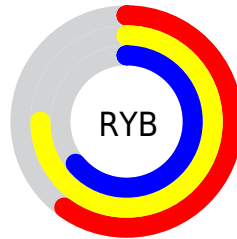
The XYZ color **43.1207, 49.2319, 36.9358** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.7384, 34.0060, 53.9731**, and the grayscale version is **45.2360, 47.5918, 51.8275**.

A 20% lighter version of the original color is **78.9934, 88.8106, 71.3713**, and **20.1898, 23.6286, 15.8086** is the 20% darker color. If you saturate the color by 10%, you get **40.4508, 48.0235, 29.2920**, and if you desaturate by 10%, it is **46.0939, 50.5706, 45.9109**.

Distribution



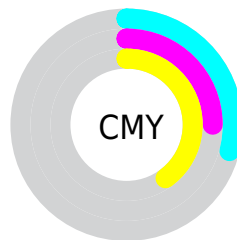
- Red (71%)
- Green (75%)
- Blue (60%)



- Red (60%)
- Yellow (75%)
- Blue (64%)



- Cyan (6%)
- Magenta (0%)
- Yellow (20%)
- Black (25%)



- Cyan (29%)
- Magenta (25%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.1207, 49.2319, 36.9358 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 43.1207, 49.2319, 36.9358 by changing the saturation by 10% instead.

■ 43.1207, 49.2319,
36.9358

■ 43.1207, 49.2319,
36.9358

350.0210,
383.6545, 348.1928

■ 30.1748, 34.8035,
24.8624

■ 79.1475, 89.0358,
71.6593

■ 20.1200, 23.5115,
15.7565

■ 102.9592,
115.1800, 95.1464

■ 12.5911, 14.9717,
9.1995

131.1234,
145.9983, 123.2752

■ 7.2226, 8.7995,
4.7730

164.0056,
181.8751, 156.4641

■ 3.6493, 4.6106,
2.0583

201.9711,
223.1947, 195.1319

■ 1.5057, 2.0207,
0.5908

245.3852,

■ 0.3297, 0.6194,

270.3415, 239.6968

0.0000

294.6134,
323.7000, 290.5776

■ 0.0000, 0.0000,
0.0000

■ 43.1207, 49.2319,
36.9358

■ 43.1207, 49.2319,
36.9358

■ 40.4508, 48.0235,
29.2920

■ 46.0939, 50.5706,
45.9109

■ 38.0678, 46.9337,
22.9129

■ 49.3784, 52.0379,
56.2732

■ 35.9594, 45.9593,
17.7310

■ 52.9865, 53.6403,
68.0795

■ 34.1107, 45.0942,
13.6710

■ 56.9287, 55.3822,
81.3823

■ 32.5054, 44.3319,
10.6494

■ 61.2150, 57.2677,
96.2314

■ 31.1247, 43.6647,
8.5710

■ 63.9295, 58.5303,
102.5358

■ 29.9467, 43.0837,
7.3228

■ 65.5124, 59.3463,
102.6099

■ 28.9674, 42.5918,
6.6943

■ 67.1476, 60.1893,
102.6864

■ 68.8357, 61.0596,
102.7654

Harmonies

Analogous

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



46.8038, 49.2319, 34.7286



43.1207, 49.2319, 36.9358



40.5481, 49.2319, 43.4641

Triad

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



43.1207, 49.2319, 36.9358



43.1037, 49.2319, 74.6221



54.7728, 49.2319, 53.6348

Complementary

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



43.1207, 49.2319, 36.9358



35.7384, 34.0060, 53.9731

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.



53.6492, 49.2319, 65.2123



43.1207, 49.2319, 36.9358



46.7831, 49.2319, 78.3186

Square

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



43.1207, 49.2319, 36.9358



40.5387, 49.2319, 65.1539



50.6690, 49.2319, 74.6591



53.6605, 49.2319, 43.5087

Rectangle

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



43.1207, 49.2319, 36.9358



39.7339, 49.2319, 49.9028



50.6690, 49.2319, 74.6591



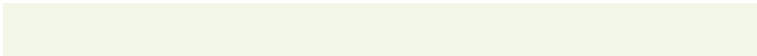
54.6433, 49.2319, 57.4863

Sweetspot

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



43.1220, 49.2341, 36.9369



85.0242, 91.6746, 89.9373



40.1460, 39.3267, 35.1814



18.5860, 20.0931, 19.4839



92.9021, 97.7402, 106.4391



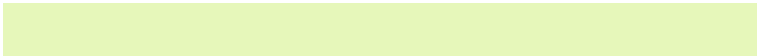
19.4759, 20.4902, 22.3138

Same Dimension

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



43.1220, 49.2341, 36.9369



74.7813, 87.0673, 59.0474



39.0180, 47.1184, 36.7448



10.0528, 10.9816, 10.1665



19.1178, 28.0315, 4.4030



0.8097, 1.1294, 0.1753

Inverse Universe

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



35.7384, 34.0060, 53.9731



58.9164, 54.3405, 95.6627



39.9017, 36.1522, 54.1679



9.2625, 9.3522, 11.9892



7.2451, 3.0210, 32.5942



0.3501, 0.1525, 1.2798

Previews

White Background



This preview shows how the XYZ color 43.1207, 49.2319, 36.9358 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 43.1207, 49.2319, 36.9358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

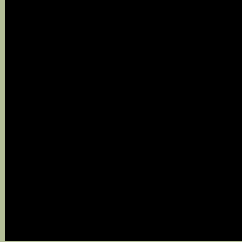
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

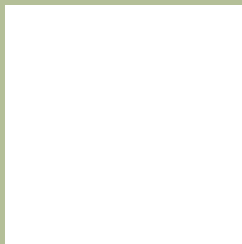
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.1207, 49.2319, 36.9358

Background



This preview shows how black text looks on a background with the XYZ color 43.1207, 49.2319, 36.9358.



This preview shows how white text looks on a background with the XYZ color 43.1207, 49.2319,

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

43.1207, 49.2319, 36.9358

Protanopia

46.0097, 49.1581, 35.4973

Deuteranopia

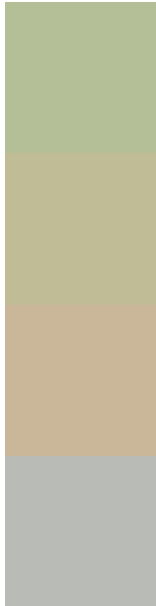
49.9772, 49.0204, 37.3996



Tritanopia

48.1513, 49.3862, 61.0275

Trichromacy



Original Color

43.1207, 49.2319, 36.9358

Protanomaly

44.9741, 49.2448, 35.9890

Deuteranomaly

47.0404, 48.7234, 37.0623

Tritanomaly

45.9810, 49.1084, 51.3114

Monochromacy



Original Color

43.1207, 49.2319, 36.9358

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.2967, 48.0415, 45.9680

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1207, 49.2319, 36.9358 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, 191, 152)` looks like.

```
.text, #text, p{  
    color:rgb(180, 191, 152)  
}
```

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, 191, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 191, 152) }
```

Border

The CSS property to change the border of an element to XYZ 43.1207, 49.2319, 36.9358 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, 191, 152) }
```


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

```
.border{ border-color:rgb(180, 191, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 191, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 191, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 191, 152);  
box-shadow:4px 4px 4px 4px rgb(180, 191,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1207, 49.2319, 36.9358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 191, 152) }
```

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

```
.background{ background-color: rgb(180,  
191, 152) }
```

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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