

Converting Colors

XYZ(42.9452, 48.8417, 46.0041)

Have a look what the booklet for
XYZ(42.9452, 48.8417, 46.0041)
contains.

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Color

**XYZ(43.0905, 49.0108,
46.2186)**

Conversions

Conversions Part 1

Format	Color
Hex	ACBFAC
RGB	172, 191, 172
RGB Percent	67%, 75%, 67%
CMY	0.3255, 0.2510, 0.3255
CMYK	0.10, 0.00, 0.10, 0.25
HSL	120°, 13%, 71%
HSV	120°, 10%, 75%
XYZ	43.0905, 49.0108, 46.2186
YIQ	183.1530, -5.2250, -9.9370

Conversions

Conversions Part 2

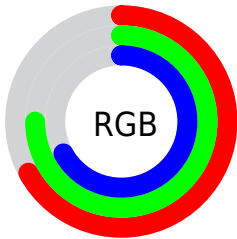
Format	Color
RYB	172, 191, 191
Decimal	11321260
CIELab	75.46, -10.11, 7.38
CIELCh	75, 12.516, 143.878
Yxy	49.0108, 0.3115, 0.3543
Android (android.graphics.Color)	4289511340 (0xFFACBFAC)
YUV	183.1530, -5.4984, -9.7812
Hunter-Lab	70.0077, -12.6448, 9.8626

Details

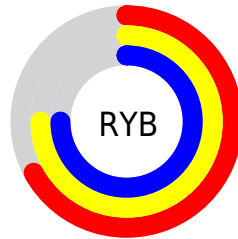
The XYZ color **43.0905, 49.0108, 46.2186** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.6441, 44.3442, 55.4463**, and the grayscale version is **45.1261, 47.4762, 51.7016**.

A 20% lighter version of the original color is **78.8044, 88.3985, 85.5822**, and **20.2244, 23.5261, 21.2444** is the 20% darker color. If you saturate the color by 10%, you get **37.4916, 46.3228, 37.0593**, and if you desaturate by 10%, it is **49.5584, 52.1191, 56.7970**.

Distribution



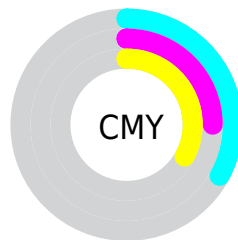
- Red (67%)
- Green (75%)
- Blue (67%)



- Red (67%)
- Yellow (75%)
- Blue (75%)



- Cyan (10%)
- Magenta (0%)
- Yellow (10%)
- Black (25%)



- Cyan (33%)
- Magenta (25%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.0905, 49.0108, 46.2186 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 43.0905, 49.0108, 46.2186 by changing the saturation by 10% instead.

■ 43.0905, 49.0108,
46.2186

■ 43.0905, 49.0108,
46.2186

349.8990,
382.7848, 387.9899

■ 30.1510, 34.6280,
32.0684

■ 79.1023, 88.7075,
85.8838

■ 20.1018, 23.3765,
21.1485

102.9052,
114.7902, 112.2359

■ 12.5778, 14.8718,
13.0403

131.0600,
145.5417, 143.4924

■ 7.2134, 8.7294,
7.3253

163.9320,
181.3464, 180.0719

■ 3.6435, 4.5651,
3.5848

201.8865,
222.5887, 222.3928

■ 1.5025, 1.9944,
1.4005

245.2890,

■ 0.3275, 0.6042,

269.6529, 270.8737

0.1421

294.5047,
322.9235, 325.9333

■ 0.0000, 0.0000,
0.0000

■ 43.0905, 49.0108,
46.2186

■ 43.0905, 49.0108,
46.2186

■ 37.4916, 46.3228,
37.0593

■ 49.5584, 52.1191,
56.7970

■ 32.7207, 44.0311,
29.2557

■ 56.9257, 55.6580,
68.8477

■ 28.7399, 42.1189,
22.7443

■ 65.2266, 59.6453,
82.4254

■ 25.5066, 40.5658,
17.4556

■ 74.4919, 64.0959,
97.5808

■ 22.9741, 39.3493,
13.3132

■ 77.9217, 65.7435,
103.1906

■ 21.0905, 38.4445,
10.2322

■ 19.7968, 37.8231,
8.1163

■ 19.0234, 37.4516,
6.8512

■ 18.6335, 37.2643,
6.2134

Harmonies

Analogous

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



44.8103, 49.0108, 42.5680



43.0905, 49.0108, 46.2186



42.3095, 49.0108, 52.0206

Triad

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



43.0905, 49.0108, 46.2186



46.1117, 49.0108, 67.0221



50.7593, 49.0108, 48.3844

Complementary

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



43.0905, 49.0108, 46.2186



45.6441, 44.3442, 55.4463

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.



51.1356, 49.0108, 54.7312



43.0905, 49.0108, 46.2186



48.4024, 49.0108, 65.8475

Square

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



43.0905, 49.0108, 46.2186



44.0164, 49.0108, 64.3006



50.2599, 49.0108, 61.2113



49.2481, 49.0108, 43.7443

Rectangle

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



43.0905, 49.0108, 46.2186



42.4073, 49.0108, 56.4705



50.2599, 49.0108, 61.2113



51.0248, 49.0108, 50.3744

Sweetspot

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



43.0918, 49.0129, 46.2197



84.9969, 91.5358, 95.5715



47.4962, 51.1810, 46.4060



18.4536, 19.9991, 20.6416



92.9021, 97.7402, 106.4391



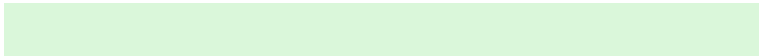
19.4759, 20.4902, 22.3138

Same Dimension

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



43.0918, 49.0129, 46.2197



74.7937, 86.6347, 78.8822



44.0049, 49.3781, 51.0279



9.4088, 10.6496, 10.1363



12.2439, 24.4879, 4.0813



0.4796, 0.9592, 0.1599

Inverse Universe

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



45.6441, 44.3442, 55.4463



80.3092, 76.5456, 98.8212



44.6646, 43.9524, 50.2878



9.9300, 9.6963, 12.0204



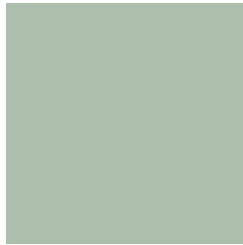
20.3002, 9.7512, 33.2051



0.7952, 0.3820, 1.3007

Previews

White Background



This preview shows how the XYZ color 43.0905, 49.0108, 46.2186 looks on a white background.

Color Contrast Check

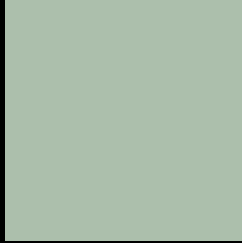
Large Text (above 18pt) WCAG AA × Fail

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 43.0905, 49.0108, 46.2186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

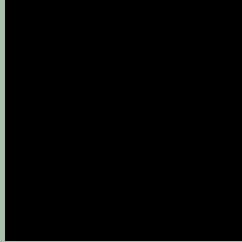
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.0905, 49.0108, 46.2186

Background



This preview shows how black text looks on a background with the XYZ color 43.0905, 49.0108, 46.2186.



This preview shows how white text looks on a background with the XYZ color 43.0905, 49.0108,

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

43.0905, 49.0108, 46.2186

Protanopia

46.5027, 48.9000, 44.5238

Deuteranopia

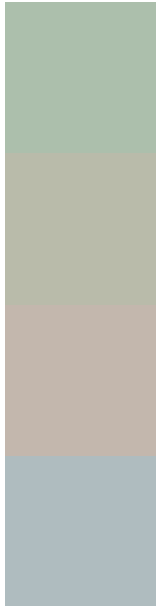
49.7725, 48.7061, 46.8223



Tritanopia

46.5625, 49.1520, 62.9103

Trichromacy



Original Color

43.0905, 49.0108, 46.2186

Protanomaly

45.0336, 48.7572, 45.0678

Deuteranomaly

46.9820, 48.4862, 46.4177

Tritanomaly

45.0664, 48.8420, 56.3424

Monochromacy



Original Color

43.0905, 49.0108, 46.2186

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.2860, 47.9562, 49.5702

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0905, 49.0108, 46.2186 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(172, 191, 172)` looks like.

```
.text, #text, p{  
    color:rgb(172, 191, 172)  
}
```

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(172, 191, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 191, 172) }
```

Border

The CSS property to change the border of an element to XYZ 43.0905, 49.0108, 46.2186 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(172, 191, 172) }
```


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

```
.border{ border-color:rgb(172, 191, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 191, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 191, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 191, 172);  
box-shadow:4px 4px 4px 4px rgb(172, 191,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0905, 49.0108, 46.2186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 191, 172) }
```

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

```
.background{ background-color: rgb(172,  
191, 172) }
```

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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