

Converting Colors

XYZ(42.9755, 46.6808, 49.1904)

Have a look what the booklet for
XYZ(42.9755, 46.6808, 49.1904)
contains.

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Color

**XYZ(42.9564, 46.6496,
49.3881)**

Conversions

Conversions Part 1

Format	Color
Hex	AFB8B3
RGB	175, 184, 179
RGB Percent	69%, 72%, 70%
CMY	0.3137, 0.2784, 0.2980
CMYK	0.05, 0.00, 0.03, 0.28
HSL	147°, 6%, 70%
HSV	147°, 5%, 72%
XYZ	42.9564, 46.6496, 49.3881
YIQ	180.7390, -3.7590, -3.4630

Conversions

Conversions Part 2

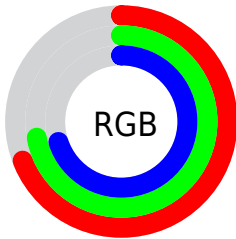
Format	Color
RYB	175, 181, 184
Decimal	11516083
CIELab	73.97, -4.07, 1.44
CIElCh	74, 4.322, 160.481
Yxy	46.6496, 0.3091, 0.3356
Android (android.graphics.Color)	4289706163 (0xFFAFB8B3)
YUV	180.7390, -0.8573, -5.0331
Hunter-Lab	68.3005, -7.2615, 4.9378

Details

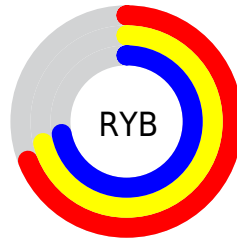
The XYZ color **42.9564, 46.6496, 49.3881** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.3371, 44.1468, 49.4194**, and the grayscale version is **43.7871, 46.0674, 50.1674**.

A 20% lighter version of the original color is **79.1105, 85.3073, 90.8936**, and **20.0506, 21.9499, 22.9186** is the 20% darker color. If you saturate the color by 10%, you get **38.1087, 44.2669, 43.9620**, and if you desaturate by 10%, it is **48.4462, 49.3570, 55.2466**.

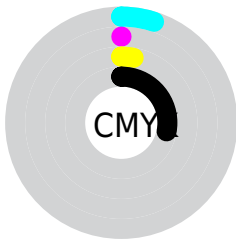
Distribution



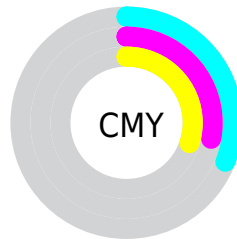
- Red (69%)
- Green (72%)
- Blue (70%)



- Red (69%)
- Yellow (71%)
- Blue (72%)



- Cyan (5%)
- Magenta (0%)
- Yellow (3%)
- Black (28%)



- Cyan (31%)
- Magenta (28%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.9564, 46.6496, 49.3881 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 42.9564, 46.6496, 49.3881 by changing the saturation by 10% instead.

■ 42.9564, 46.6496,
49.3881

■ 42.9564, 46.6496,
49.3881

349.3570,
373.4141, 400.9345

■ 30.0453, 32.7587,
34.5597

■ 78.9012, 85.1903,
90.6545

■ 20.0212, 21.9417,
23.0431

102.6656,
110.6090, 117.9296

■ 12.5188, 13.8141,
14.4197

130.7784,
140.6391, 150.1907

■ 7.1727, 7.9915,
8.2711

163.6051,
175.6649, 187.8563

■ 3.6177, 4.0895,
4.1786

201.5109,
216.0710, 231.3449

■ 1.4882, 1.7237,
1.7238

244.8613,

■ 0.3178, 0.4390,

262.2416, 281.0751

0.3770

294.0215,
314.5612, 337.4655

■ 0.0000, 0.0000,
0.0000

■ 42.9564, 46.6496,
49.3881

■ 42.9564, 46.6496,
49.3881

■ 38.1087, 44.2669,
43.9620

■ 48.4462, 49.3570,
55.2466

■ 33.8750, 42.1908,
38.9554

■ 54.5971, 52.3949,
61.5437

■ 30.2306, 40.4100,
34.3592

■ 61.4322, 55.7763,
68.2898

■ 27.1479, 38.9105,
30.1629

■ 68.9722, 59.5117,
75.4935

■ 24.5967, 37.6770,
26.3554

■ 72.6821, 61.2630,
82.9503

■ 22.5442, 36.6926,
22.9253

■ 74.1618, 61.8549,
90.7426

■ 20.9534, 35.9387,
19.8603

■ 75.7273, 62.4811,
98.9861

■ 19.7818, 35.3936,
17.1475

■ 76.4314, 62.7627,
102.6938

■ 18.9783, 35.0311,
14.7731

Harmonies

Analogous

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



43.3836, 46.6496, 47.6321



42.9564, 46.6496, 49.3881



42.8972, 46.6496, 51.5697

Triad

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



42.9564, 46.6496, 49.3881



44.6093, 46.6496, 55.0837



45.4762, 46.6496, 48.0868

Complementary

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



42.9564, 46.6496, 49.3881



43.3371, 44.1468, 49.4194

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.



45.8128, 46.6496, 50.0251



42.9564, 46.6496, 49.3881



45.3084, 46.6496, 54.0917

Square

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



42.9564, 46.6496, 49.3881



43.8456, 46.6496, 54.9012



45.7510, 46.6496, 52.2253



44.8362, 46.6496, 46.8960

Rectangle

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



42.9564, 46.6496, 49.3881



43.0737, 46.6496, 52.9777



45.7510, 46.6496, 52.2253



45.6289, 46.6496, 48.6701

Sweetspot

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



42.9577, 46.6516, 49.3891



81.5849, 86.3951, 93.5486



43.7258, 47.0936, 47.3436



17.5993, 18.6305, 20.1792



88.6918, 93.3107, 101.6153



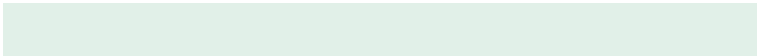
17.8044, 18.7317, 20.3988

Same Dimension

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



42.9577, 46.6516, 49.3891



76.7464, 84.0120, 88.2976



43.4103, 46.8326, 51.7722



9.3612, 10.2769, 10.7726



12.8907, 24.0572, 9.6125



0.4857, 0.8606, 0.5034

Inverse Universe

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



43.3371, 44.1468, 49.4194



77.5970, 78.3963, 88.3654



42.8955, 43.9702, 47.0942



9.4726, 9.5414, 10.7815



15.3208, 7.7021, 9.5762



0.5707, 0.2838, 0.4989

Previews

White Background



This preview shows how the XYZ color 42.9564, 46.6496, 49.3881 looks on a white background.

Color Contrast Check

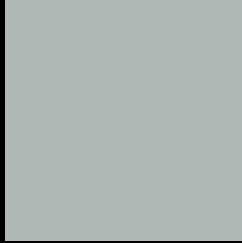
Large Text (above 18pt) WCAG AA × Fail

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 42.9564, 46.6496, 49.3881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

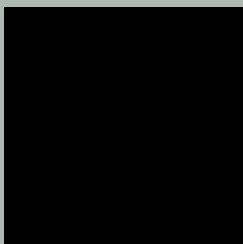
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

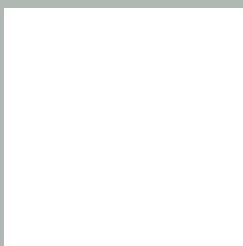
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.9564, 46.6496, 49.3881

Background



This preview shows how black text looks on a background with the XYZ color 42.9564, 46.6496, 49.3881.



This preview shows how white text looks on a background with the XYZ color 42.9564, 46.6496,

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

42.9564, 46.6496, 49.3881

Protanopia

44.7094, 46.6612, 48.2450

Deuteranopia

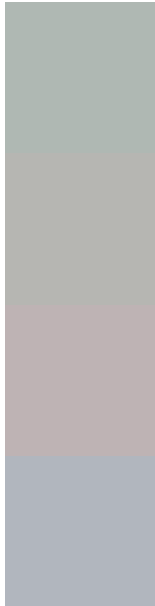
47.4190, 46.5290, 50.1978



Tritanopia

44.8478, 46.4982, 58.8359

Trichromacy



Original Color

42.9564, 46.6496, 49.3881

Protanomaly

44.0552, 46.6153, 48.7952

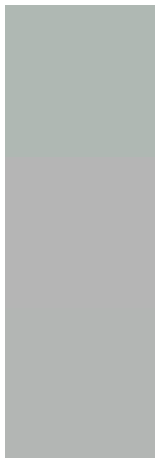
Deuteranomaly

45.5935, 46.4826, 49.7490

Tritanomaly

44.1537, 46.5207, 55.3674

Monochromacy



Original Color

42.9564, 46.6496, 49.3881

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.5566, 46.3349, 49.8279

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.9564, 46.6496, 49.3881 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(175, 184, 179)` looks like.

```
.text, #text, p{  
    color:rgb(175, 184, 179)  
}
```

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(175, 184, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 184, 179) }
```

Border

The CSS property to change the border of an element to XYZ 42.9564, 46.6496, 49.3881 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(175, 184, 179) }
```


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

```
.border{ border-color:rgb(175, 184, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 184, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 184, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 184, 179);  
box-shadow:4px 4px 4px 4px rgb(175, 184,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9564, 46.6496, 49.3881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 184, 179) }
```

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

```
.background{ background-color: rgb(175,  
184, 179) }
```

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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