

Converting Colors

XYZ(43.6981, 53.2121, 47.1854)

Have a look what the booklet for
XYZ(43.6981, 53.2121, 47.1854)
contains.

XYZ(43.7026, 53.3718, 47.0281) 3

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Color

**XYZ(43.7026, 53.3718,
47.0281)**

Conversions

Conversions Part 1	
Format	Color
Hex	A2CBAC
RGB	162, 203, 172
RGB Percent	64%, 80%, 67%
CMY	0.3647, 0.2039, 0.3255
CMYK	0.20, 0.00, 0.15, 0.20
HSL	135°, 28%, 72%
HSV	135°, 20%, 80%
XYZ	43.7026, 53.3718, 47.0281
YIQ	187.2070, -14.4850, -18.3330

Conversions

Conversions Part 2

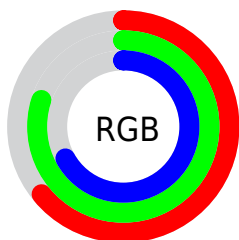
Format	Color
RYB	162, 195, 203
Decimal	10668972
CIELab	78.09, -19.66, 11.05
CIELCh	78, 22.554, 150.662
Yxy	53.3718, 0.3033, 0.3704
Android (android.graphics.Color)	4288859052 (0xFFA2CBAC)
YUV	187.2070, -7.4971, -22.1065
Hunter-Lab	73.0560, -21.0681, 12.9726

Details

The XYZ color **43.7026, 53.3718, 47.0281** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **47.1764, 42.3887, 56.1498**, and the grayscale version is **47.3989, 49.8674, 54.3056**.

A 20% lighter version of the original color is **78.2404, 91.8178, 86.2719**, and **20.5680, 26.1660, 21.7358** is the 20% darker color. If you saturate the color by 10%, you get **38.5172, 50.8607, 39.5299**, and if you desaturate by 10%, it is **49.7270, 56.2987, 55.4567**.

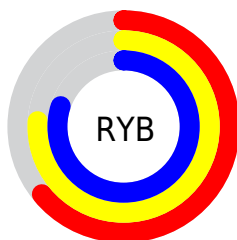
Distribution



Red (64%)

Green (80%)

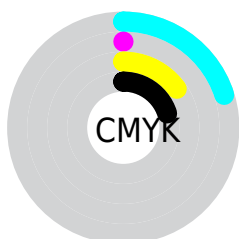
Blue (67%)



Red (64%)

Yellow (76%)

Blue (80%)

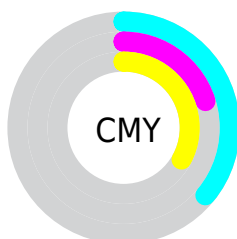


Cyan (20%)

Magenta (0%)

Yellow (15%)

Black (20%)



Cyan (36%)


Magenta (20%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.7026, 53.3718, 47.0281 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 43.7026, 53.3718, 47.0281 by changing the saturation by 10% instead.


 43.7026, 53.3718,
47.0281


 43.7026, 53.3718,
47.0281


352.3660,
399.7099, 391.3237

 30.6337, 38.0997,
32.7034


 80.0192, 95.1512,
87.1060

 20.4705, 26.0600,
21.6300


 103.9975,
122.4273, 113.6962

 12.8478, 16.8686,
13.3896


132.3431,
154.4735, 145.2120

 7.4001, 10.1408,
7.5635

165.4211,
191.6742, 182.0720

 3.7621, 5.4924,
3.7332

203.5971,
234.4138, 224.6946

 1.5684, 2.5390,
1.4801


247.2364,


 0.3717, 0.8961,


283.0767, 273.4983


0.2031


296.7042,
338.0473, 328.9019

 0.0000, 0.0000,
0.0000


 43.7026, 53.3718,
47.0281


 43.7026, 53.3718,
47.0281


 38.5172, 50.8607,
39.5299


 49.7270, 56.2987,
55.4567


 34.1286, 48.7400,
32.9266


 56.6211, 59.6522,
64.8426

 30.4979, 46.9916,
27.1858

 64.4197, 63.4510,
75.2157

 27.5806, 45.5934,
22.2717

 73.1543, 67.7108,
86.6037

 25.3279, 44.5211,
18.1458

 79.6566, 70.7978,
98.8838

■ 23.6843, 43.7468,
14.7668

■ 80.6470, 71.1939,
104.0990

■ 22.5847, 43.2381,
12.0893

■ 21.9222, 42.9400,
10.0954

Harmonies

Analogous

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



46.5336, 53.3718, 39.6580



43.7026, 53.3718, 47.0281



42.7277, 53.3718, 58.3934

Triad

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



43.7026, 53.3718, 47.0281



50.8262, 53.3718, 85.8738



58.3618, 53.3718, 46.6080

Complementary

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



43.7026, 53.3718, 47.0281



47.1764, 42.3887, 56.1498

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.



59.6700, 53.3718, 57.8331



43.7026, 53.3718, 47.0281



55.1678, 53.3718, 81.5541

Square

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



43.7026, 53.3718, 47.0281



46.6938, 53.3718, 81.9057



58.4693, 53.3718, 70.8153



54.9888, 53.3718, 39.4413

Rectangle

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



43.7026, 53.3718, 47.0281



43.2146, 53.3718, 67.0915



58.4693, 53.3718, 70.8153



59.0661, 53.3718, 49.9732

Sweetspot

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



43.7041, 53.3741, 47.0293



87.8363, 96.4900, 99.1311



49.9825, 56.7176, 42.4962



18.6396, 20.5745, 20.9983



0.0000, 0.0000, 0.0000



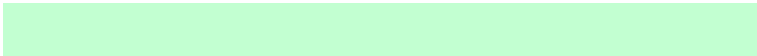
20.3446, 21.4041, 23.3091

Same Dimension

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



43.7041, 53.3741, 47.0293



69.4316, 87.5528, 73.3839



45.7797, 54.2043, 57.9596



11.1784, 12.5811, 12.4967



13.9811, 27.3377, 6.5854



0.7522, 1.4227, 0.5029

Inverse Universe

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



47.1764, 42.3887, 56.1498



76.2265, 66.0503, 91.2270



45.0869, 41.5529, 45.1466



11.5660, 11.3551, 13.5154



19.3960, 9.5690, 20.3358



1.0294, 0.5052, 1.2005

Previews

White Background



This preview shows how the XYZ color 43.7026, 53.3718, 47.0281 looks on a white background.

Color Contrast Check

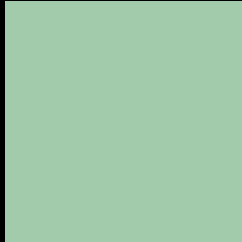
Large Text (above 18pt) WCAG AA × Fail

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 43.7026, 53.3718, 47.0281 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

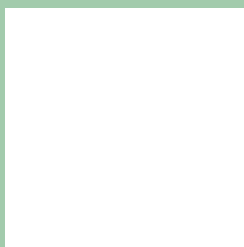
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.7026, 53.3718, 47.0281

Background



This preview shows how black text looks on a background with the XYZ color 43.7026, 53.3718, 47.0281.



This preview shows how white text looks on a background with the XYZ color 43.7026, 53.3718,

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

43.7026, 53.3718, 47.0281

Protanopia

50.0897, 53.0090, 43.6681

Deuteranopia

54.0107, 53.0041, 48.4584



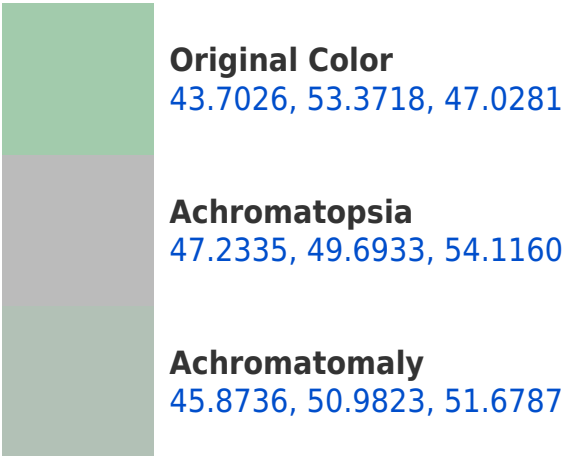
Tritanopia

48.3387, 53.1716, 70.6662

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7026, 53.3718, 47.0281 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(162, 203, 172) looks like.

```
.text, #text, p{  
    color:rgb(162, 203, 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(162, 203, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 203, 172) }
```

Border

The CSS property to change the border of an element to XYZ 43.7026, 53.3718, 47.0281 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(162, 203, 172) }
```


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

```
.border{ border-color:rgb(162, 203, 172) }
```

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

Here you see how a box with a 4 pixel rgb(162, 203, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 203, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 203, 172);  
box-shadow:4px 4px 4px 4px rgb(162, 203,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7026, 53.3718, 47.0281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 203, 172) }
```

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

```
.background{ background-color: rgb(162,  
203, 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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