

Converting Colors

XYZ(47.4403, 55.5412, 52.2057)

Have a look what the booklet for
XYZ(47.4403, 55.5412, 52.2057)
contains.

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Color

**XYZ(47.4919, 55.5618,
52.4774)**

Conversions

Conversions Part 1

Format	Color
Hex	AECCB6
RGB	174, 204, 182
RGB Percent	68%, 80%, 71%
CMY	0.3176, 0.2000, 0.2863
CMYK	0.15, 0.00, 0.11, 0.20
HSL	136°, 23%, 74%
HSV	136°, 15%, 80%
XYZ	47.4919, 55.5618, 52.4774
YIQ	192.5220, -10.8180, -13.2020

Conversions

Conversions Part 2

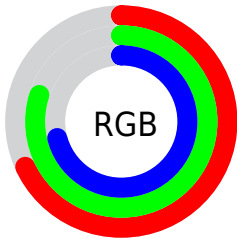
Format	Color
RYB	174, 198, 204
Decimal	11455670
CIELab	79.36, -14.29, 7.61
CIELCh	79, 16.190, 151.952
Yxy	55.5618, 0.3054, 0.3572
Android (android.graphics.Color)	4289645750 (0xFFFAECCB6)
YUV	192.5220, -5.1873, -16.2438
Hunter-Lab	74.5398, -16.7161, 10.4366

Details

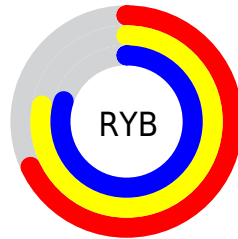
The XYZ color **47.4919, 55.5618, 52.4774** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.0036, 47.0963, 58.6820**, and the grayscale version is **50.4434, 53.0703, 57.7936**.

A 20% lighter version of the original color is **83.8257, 94.5160, 94.7143**, and **22.7540, 27.4626, 24.8704** is the 20% darker color. If you saturate the color by 10%, you get **41.8233, 52.8103, 44.5682**, and if you desaturate by 10%, it is **54.0190, 58.7399, 61.2915**.

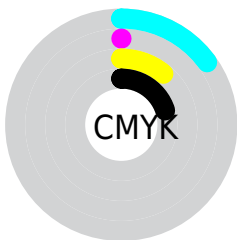
Distribution



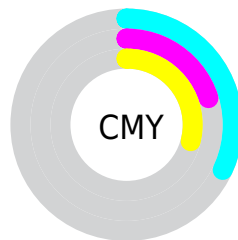
- Red (68%)
- Green (80%)
- Blue (71%)



- Red (68%)
- Yellow (78%)
- Blue (80%)



- Cyan (15%)
- Magenta (0%)
- Yellow (11%)
- Black (20%)





- Cyan (32%)
- Magenta (20%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.4919, 55.5618, 52.4774 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 47.4919, 55.5618, 52.4774 by changing the saturation by 10% instead.


 47.4919, 55.5618,
52.4774

 47.4919, 55.5618,
52.4774


367.3908,
408.0380, 413.2862

 33.6343, 39.8517,
37.0009


 85.6617, 98.3636,
95.2687

 22.7743, 27.4229,
24.9124


110.7046,
126.2241, 123.4205

 14.5467, 17.8911,
15.7934

140.2066,
158.9035, 156.6345

 8.5861, 10.8718,
9.2253

174.5330,
196.7862, 195.3292

 4.5272, 5.9807,
4.7896

214.0493,
240.2566, 239.9232

 2.0045, 2.8334,
2.0678

259.1208,

 0.6365, 1.0454,

289.6991, 290.8350

0.5965

310.1129,
345.4981, 348.4831

■ 0.0000, 0.0000,
0.0000

■ 47.4919, 55.5618,
52.4774

■ 47.4919, 55.5618,
52.4774

■ 41.8233, 52.8103,
44.5682

■ 54.0190, 58.7399,
61.2915

■ 36.9725, 50.4604,
37.5314

■ 61.4341, 62.3546,
71.0341

■ 32.9022, 48.4949,
31.3383

■ 69.7709, 66.4242,
81.7327

■ 29.5703, 46.8929,
25.9568

■ 78.8376, 70.8493,
93.4019

■ 26.9306, 45.6313,
21.3530

■ 80.8839, 71.6679,
104.1780

■ 24.9317, 44.6842,
17.4907

■ 23.5144, 44.0220,
14.3303

■ 22.6075, 43.6089,
11.8289

■ 22.2692, 43.4580,
10.7538

Harmonies

Analogous

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



49.5759, 55.5618, 46.5657



47.4919, 55.5618, 52.4774



46.8157, 55.5618, 61.1082

Triad

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



47.4919, 55.5618, 52.4774



53.0227, 55.5618, 80.1731



58.2833, 55.5618, 51.5241

Complementary

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



47.4919, 55.5618, 52.4774



50.0036, 47.0963, 58.6820

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.



59.2949, 55.5618, 59.8906



47.4919, 55.5618, 52.4774



56.1814, 55.5618, 76.9627

Square

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



47.4919, 55.5618, 52.4774



49.9297, 55.5618, 77.6797



58.5106, 55.5618, 69.2954



55.7986, 55.5618, 46.0562

Rectangle

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



47.4919, 55.5618, 52.4774



47.2311, 55.5618, 67.4270



58.5106, 55.5618, 69.2954



58.8114, 55.5618, 54.0595

Sweetspot

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



47.4934, 55.5642, 52.4786



90.2153, 97.6441, 102.5092



52.1302, 58.0473, 48.5017



19.1210, 20.8079, 21.6900



0.0000, 0.0000, 0.0000



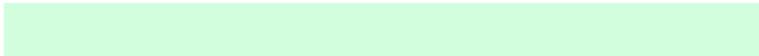
20.3446, 21.4041, 23.3091

Same Dimension

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



47.4934, 55.5642, 52.4786



75.1792, 90.3285, 82.1166



49.0710, 56.1952, 60.7861



11.1888, 12.5853, 12.5519



14.0492, 27.3650, 6.9439



0.7570, 1.4246, 0.5280

Inverse Universe

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



50.0036, 47.0963, 58.6820



80.2065, 73.3666, 94.5385



48.4315, 46.4674, 50.4031



11.5549, 11.3507, 13.4566



19.1587, 9.4741, 19.0863



1.0188, 0.5009, 1.1448

Previews

White Background



This preview shows how the XYZ color 47.4919, 55.5618, 52.4774 looks on a white background.

Color Contrast Check

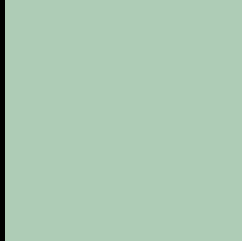
Large Text (above 18pt) WCAG AA × Fail

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 47.4919, 55.5618, 52.4774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

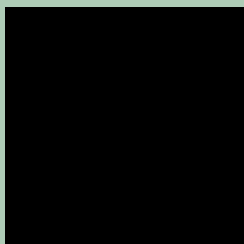
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

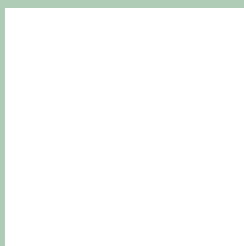
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.4919, 55.5618, 52.4774

Background



This preview shows how black text looks on a background with the XYZ color 47.4919, 55.5618, 52.4774.



This preview shows how white text looks on a background with the XYZ color 47.4919, 55.5618,

52.4774.

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

47.4919, 55.5618, 52.4774

Protanopia

52.6776, 55.5316, 50.0617

Deuteranopia

56.1680, 54.9580, 53.5465



Tritanopia

51.5116, 55.4564, 72.2792

Trichromacy



Original Color

47.4919, 55.5618, 52.4774

Protanomaly

50.5524, 55.4390, 50.6842

Deuteranomaly

52.5721, 54.7408, 53.1426

Tritanomaly

50.0262, 55.5501, 64.5855

Monochromacy



Original Color

47.4919, 55.5618, 52.4774

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

49.4013, 54.0457, 55.9723

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.4919, 55.5618, 52.4774 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(174, 204, 182)` looks like.

```
.text, #text, p{  
    color:rgb(174, 204, 182)  
}
```

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(174, 204, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 204, 182) }
```

Border

The CSS property to change the border of an element to XYZ 47.4919, 55.5618, 52.4774 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(174, 204, 182) }
```


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

```
.border{ border-color:rgb(174, 204, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 204, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 204, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 204, 182);  
box-shadow:4px 4px 4px 4px rgb(174, 204,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 47.4919, 55.5618, 52.4774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 204, 182) }
```

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

```
.background{ background-color: rgb(174,  
204, 182) }
```

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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