

Converting Colors

XYZ(41.3201, 52.4671, 48.2764)

Have a look what the booklet for
XYZ(41.3201, 52.4671, 48.2764)
contains.

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Color

**XYZ(41.3634, 52.4839,
48.5078)**

Conversions

Conversions Part 1

Format	Color
Hex	93CCAF
RGB	147, 204, 175
RGB Percent	58%, 80%, 69%
CMY	0.4235, 0.2000, 0.3137
CMYK	0.28, 0.00, 0.14, 0.20
HSL	149°, 36%, 69%
HSV	149°, 28%, 80%
XYZ	41.3634, 52.4839, 48.5078
YIQ	183.6510, -24.6630, -21.1030

Conversions

Conversions Part 2

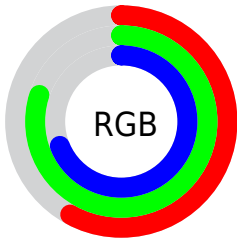
Format	Color
RYB	147, 185, 204
Decimal	9686191
CIELab	77.57, -24.41, 8.58
CIELCh	78, 25.875, 160.642
Yxy	52.4839, 0.2906, 0.3687
Android (android.graphics.Color)	4287876271 (0xFF93CCAF)
YUV	183.6510, -4.2649, -32.1429
Hunter-Lab	72.4458, -24.8643, 11.0130

Details

The XYZ color **41.3634, 52.4839, 48.5078** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **43.1739, 36.8408, 45.9121**, and the grayscale version is **45.4012, 47.7656, 52.0167**.

A 20% lighter version of the original color is **74.5409, 89.8461, 89.0146**, and **19.2008, 25.6756, 22.6828** is the 20% darker color. If you saturate the color by 10%, you get **37.0442, 50.3720, 43.1876**, and if you desaturate by 10%, it is **46.4126, 54.9659, 54.2736**.

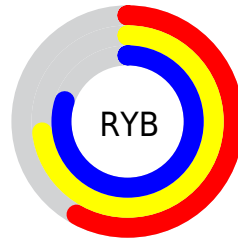
Distribution



Red (58%)

Green (80%)

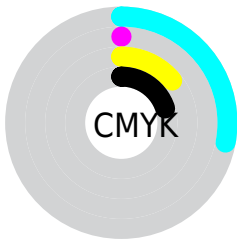
Blue (69%)



Red (58%)

Yellow (73%)

Blue (80%)

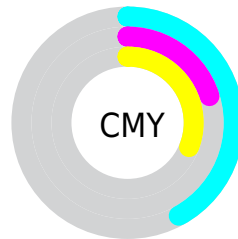


Cyan (28%)

Magenta (0%)

Yellow (14%)

Black (20%)



Cyan (42%)


Magenta (20%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.3634, 52.4839, 48.5078 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 41.3634, 52.4839, 48.5078 by changing the saturation by 10% instead.


 41.3634, 52.4839,
48.5078


 41.3634, 52.4839,
48.5078


342.8739,
396.3019, 397.3680

 28.7921, 37.3909,
33.8664


 76.5065, 93.8445,
89.3334

 19.0671, 25.5103,
22.5144


 99.8089, 120.8809,
116.3546

 11.8230, 16.4577,
14.0335


127.4191,
152.6673, 148.3395

 6.6946, 9.8486,
8.0049

159.7024,
189.5880, 185.7066

 3.3165, 5.2987,
4.0103

197.0242,
232.0274, 228.8745

 1.3233, 2.4236,
1.6310

239.7498,

 0.2005, 0.8380,

280.3699, 278.2617

0.3128

288.2446,
334.9999, 334.2867

■ 0.0000, 0.0000,
0.0000

■ 41.3634, 52.4839,
48.5078

■ 41.3634, 52.4839,
48.5078

■ 37.0442, 50.3720,
43.1876

■ 46.4126, 54.9659,
54.2736

■ 33.4146, 48.6053,
38.2985

■ 52.2209, 57.8286,
60.4917

■ 30.4368, 47.1660,
33.8304

■ 58.8211, 61.0901,
67.1735

■ 28.0675, 46.0320,
29.7715

■ 66.2427, 64.7653,
74.3285

■ 26.2576, 45.1782,
26.1092

■ 74.5135, 68.8686,
81.9663

■ 24.9500, 44.5753,
22.8303

■ 78.1607, 70.5784,
89.8385

■ 24.0618, 44.1809,
19.9197

■ 79.7242, 71.2038,
98.0717

■ 23.9041, 44.1117,
19.3639

■ 80.8838, 71.6676,
104.1779

Harmonies

Analogous

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



43.8886, 52.4839, 38.7181



41.3634, 52.4839, 48.5078



41.0310, 52.4839, 62.3758

Triad

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



41.3634, 52.4839, 48.5078



51.6785, 52.4839, 88.6530



57.5299, 52.4839, 41.0425

Complementary

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



41.3634, 52.4839, 48.5078



43.1739, 36.8408, 45.9121

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.



59.9276, 52.4839, 52.2171



41.3634, 52.4839, 48.5078



56.4027, 52.4839, 80.6523

Square

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



41.3634, 52.4839, 48.5078



46.7692, 52.4839, 87.2115



59.5019, 52.4839, 66.7534



53.1349, 52.4839, 34.9316

Rectangle

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



41.3634, 52.4839, 48.5078



42.0716, 52.4839, 72.3370



59.5019, 52.4839, 66.7534



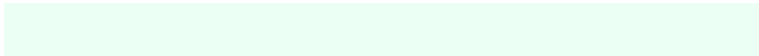
58.6091, 52.4839, 44.2462

Sweetspot

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



41.3648, 52.4861, 48.5090



86.3126, 95.6836, 100.0024



44.8676, 54.5773, 35.7743



18.1435, 20.3169, 21.0586



0.0000, 0.0000, 0.0000



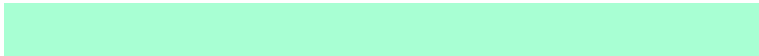
20.3446, 21.4041, 23.3091

Same Dimension

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



41.3648, 52.4861, 48.5090



63.7162, 84.5753, 74.5205



44.4127, 53.7052, 64.5590



11.2939, 12.6273, 13.1050



15.0917, 27.7820, 12.4339



0.8169, 1.4486, 0.8432

Inverse Universe

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



43.1739, 36.8408, 45.9121



67.2339, 54.1505, 69.4691



40.6785, 35.8426, 32.7715



11.4465, 11.3073, 12.8860



17.2868, 8.7253, 9.2291



0.9301, 0.4654, 0.6778

Previews

White Background



This preview shows how the XYZ color 41.3634, 52.4839, 48.5078 looks on a white background.

Color Contrast Check

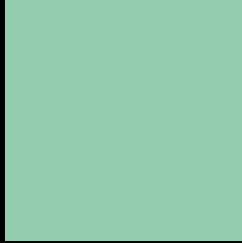
Large Text (above 18pt) WCAG AA × Fail

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 41.3634, 52.4839, 48.5078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

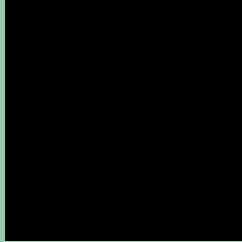
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.3634, 52.4839, 48.5078

Background



This preview shows how black text looks on a background with the XYZ color 41.3634, 52.4839, 48.5078.



This preview shows how white text looks on a background with the XYZ color 41.3634, 52.4839,

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

41.3634, 52.4839, 48.5078

Protanopia

49.3008, 51.9334, 44.4715

Deuteranopia

53.0087, 51.8318, 49.8585



Tritanopia

45.8493, 52.2118, 71.2797

Trichromacy



Original Color

41.3634, 52.4839, 48.5078

Protanomaly

45.9218, 51.7942, 46.1050

Deuteranomaly

47.9019, 51.4231, 49.5204

Tritanomaly

44.0285, 52.1541, 62.3898

Monochromacy



Original Color

41.3634, 52.4839, 48.5078

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

43.7659, 49.2557, 50.9167

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3634, 52.4839, 48.5078 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(147, 204, 175)` looks like.

```
.text, #text, p{  
    color:rgb(147, 204, 175)  
}
```

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(147, 204, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 204, 175) }
```

Border

The CSS property to change the border of an element to XYZ 41.3634, 52.4839, 48.5078 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(147, 204, 175) }
```


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

```
.border{ border-color:rgb(147, 204, 175) }
```

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

Here you see how a box with a 4 pixel rgb(147, 204, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 204, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 204, 175);  
box-shadow:4px 4px 4px 4px rgb(147, 204,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3634, 52.4839, 48.5078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 204, 175) }
```

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

```
.background{ background-color: rgb(147,  
204, 175) }
```

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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