

Converting Colors

XYZ(47.4341, 50.1525, 44.4686)

Have a look what the booklet for
XYZ(47.4341, 50.1525, 44.4686)
contains.

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Color

**XYZ(47.3439, 49.9699,
44.1957)**

Conversions

Conversions Part 1

Format	Color
Hex	C3BBA8
RGB	195, 187, 168
RGB Percent	76%, 73%, 66%
CMY	0.2353, 0.2666, 0.3412
CMYK	0.00, 0.04, 0.14, 0.24
HSL	42°, 18%, 71%
HSV	42°, 14%, 76%
XYZ	47.3439, 49.9699, 44.1957
YIQ	187.2260, 10.8670, -4.2130

Conversions

Conversions Part 2

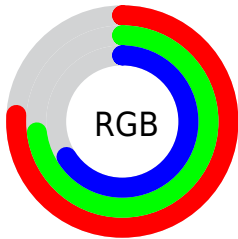
Format	Color
RYB	179, 195, 168
Decimal	12827560
CIELab	76.05, -0.42, 10.63
CIELCh	76, 10.634, 92.268
Yxy	49.9699, 0.3346, 0.3531
Android (android.graphics.Color)	4291017640 (0xFFC3BBA8)
YUV	187.2260, -9.4784, 6.8178
Hunter-Lab	70.6894, -4.1569, 12.4139

Details

The XYZ color **47.3439, 49.9699, 44.1957** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **41.5240, 43.3149, 57.8023**, and the grayscale version is **47.4103, 49.8793, 54.3186**.

A 20% lighter version of the original color is **85.5148, 90.1243, 82.7007**, and **22.6620, 23.9739, 19.9560** is the 20% darker color. If you saturate the color by 10%, you get **44.4616, 46.8975, 34.9343**, and if you desaturate by 10%, it is **50.5507, 53.2543, 54.9106**.

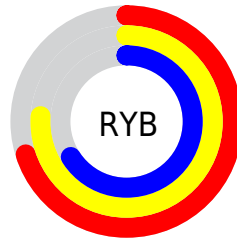
Distribution



Red (76%)

Green (73%)

Blue (66%)



Red (70%)

Yellow (76%)

Blue (66%)

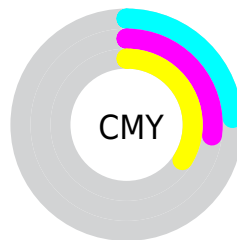


Cyan (0%)

Magenta (4%)

Yellow (14%)

Black (24%)



Cyan (24%)


Magenta (27%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.3439, 49.9699, 44.1957 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 47.3439, 49.9699, 44.1957 by changing the saturation by 10% instead.

 47.3439, 49.9699,
44.1957


 47.3439, 49.9699,
44.1957

366.8116,
386.5482, 379.5710

 33.5167, 35.3895,
30.4861


 85.4424, 90.1303,
82.8178

 22.6837, 23.9631,
19.9526


 110.4443,
116.4790, 108.5673

 14.4795, 15.3062,
12.1769


139.9019,
147.5193, 139.1671

 8.5389, 9.0346,
6.7403

174.1804,
183.6356, 175.0359

 4.4963, 4.7637,
3.2242

213.6453,
225.2122, 216.5922

 1.9866, 2.1093,
1.2102

258.6619,

 0.6264, 0.6699,

272.6336, 264.2544

0.0000

309.5956,
326.2842, 318.4411

■ 0.0000, 0.0000,
0.0000

■ 47.3439, 49.9699,
44.1957

■ 47.3439, 49.9699,
44.1957

■ 44.4616, 46.8975,
34.9343

■ 50.5507, 53.2543,
54.9106

■ 41.8870, 44.0245,
27.0593

■ 54.0897, 56.7496,
67.1355

■ 39.6080, 41.3466,
20.5030

■ 57.9737, 60.4635,
80.9281

■ 37.6098, 38.8572,
15.1911

■ 62.2133, 64.4012,
96.3420

■ 35.8762, 36.5487,
11.0414

■ 65.0810, 67.8725,
104.2783

■ 34.3893, 34.4130,
7.9619

■ 66.5856, 70.8817,
104.7798

■ 33.1283, 32.4407,
5.8468

■ 68.1428, 73.9960,
105.2989

■ 32.0683, 30.6209,
4.5681

■ 69.7529, 77.2163,
105.8356

■ 31.4872, 29.5648,
4.0470

■ 71.4166, 80.5437,
106.3902

Harmonies

Analogous

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



49.2942, 49.9699, 45.2908



47.3439, 49.9699, 44.1957



45.4851, 49.9699, 45.6750

Triad

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



47.3439, 49.9699, 44.1957



44.3384, 49.9699, 60.4592



50.9559, 49.9699, 59.6584

Complementary

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



47.3439, 49.9699, 44.1957



41.5240, 43.3149, 57.8023

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.



49.5630, 49.9699, 64.1904



47.3439, 49.9699, 44.1957



45.7399, 49.9699, 64.6749

Square

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



47.3439, 49.9699, 44.1957



43.7803, 49.9699, 54.8428



47.6462, 49.9699, 66.0851



51.4139, 49.9699, 53.9770

Rectangle

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



47.3439, 49.9699, 44.1957



44.5382, 49.9699, 47.9864



47.6462, 49.9699, 66.0851



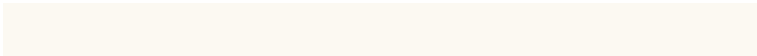
50.5797, 49.9699, 61.3799

Sweetspot

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



47.3453, 49.9721, 44.1968



90.4059, 95.2473, 97.9015



44.3553, 42.7466, 47.0400



19.6973, 20.7567, 21.0977



0.0000, 0.0000, 0.0000



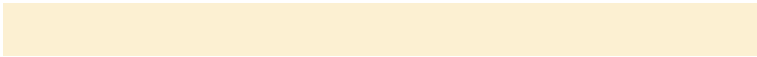
20.3446, 21.4041, 23.3091

Same Dimension

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



47.3453, 49.9721, 44.1968



82.9665, 87.5767, 73.1997



47.7190, 52.7536, 44.7140



10.6534, 11.2382, 10.6696



20.5407, 19.3672, 2.6556



0.9451, 0.9519, 0.1339

Inverse Universe

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



41.5240, 43.3149, 57.8023



70.2738, 73.0621, 102.8684



41.1758, 40.8761, 57.3499



9.7660, 10.2234, 12.7434



7.4419, 4.6404, 34.0601



0.3832, 0.3238, 1.4922

Previews

White Background



This preview shows how the XYZ color 47.3439, 49.9699, 44.1957 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 47.3439, 49.9699, 44.1957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

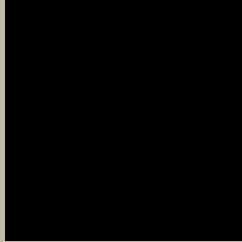
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.3439, 49.9699, 44.1957

Background



This preview shows how black text looks on a background with the XYZ color 47.3439, 49.9699, 44.1957.



This preview shows how white text looks on a background with the XYZ color 47.3439, 49.9699,

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

47.3439, 49.9699, 44.1957

Protanopia

47.3439, 49.9699, 44.1957

Deuteranopia

50.8367, 49.9094, 44.4902



Tritanopia

50.5647, 50.0403, 59.8170

Trichromacy



Original Color

47.3439, 49.9699, 44.1957

Protanomaly

47.3439, 49.9699, 44.1957

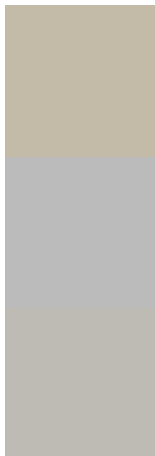
Deuteranomaly

49.5485, 49.8534, 44.5473

Tritanomaly

49.2921, 49.8319, 53.4749

Monochromacy



Original Color

47.3439, 49.9699, 44.1957

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.2437, 49.7831, 50.2991

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.3439, 49.9699, 44.1957 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(195, 187, 168)` looks like.

```
.text, #text, p{  
    color:rgb(195, 187, 168)  
}
```

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(195, 187, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 187, 168) }
```

Border

The CSS property to change the border of an element to XYZ 47.3439, 49.9699, 44.1957 is called "border". The border property can be set on classes, ids or directly on the HTML element.

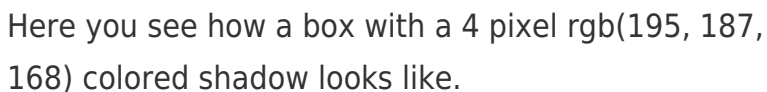
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 187, 168) }
```


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

```
.border{ border-color:rgb(195, 187, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 187, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 187, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 187, 168); box-shadow:4px 4px 4px 4px rgb(195, 187, 168) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3439, 49.9699, 44.1957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 187, 168) }
```

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

```
.background{ background-color: rgb(195,  
187, 168) }
```

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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