

Converting Colors

XYZ(43.1303, 43.3972, 45.4291)

Have a look what the booklet for
XYZ(43.1303, 43.3972, 45.4291)
contains.

XYZ(43.0344, 43.2135, 45.6081)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.0344, 43.2135,
45.6081)**

Conversions

Conversions Part 1

Format	Color
Hex	BCACAD
RGB	188, 172, 173
RGB Percent	74%, 67%, 68%
CMY	0.2627, 0.3255, 0.3216
CMYK	0.00, 0.09, 0.08, 0.26
HSL	356°, 11%, 71%
HSV	356°, 9%, 74%
XYZ	43.0344, 43.2135, 45.6081
YIQ	176.8980, 9.2150, 3.7030

Conversions

Conversions Part 2

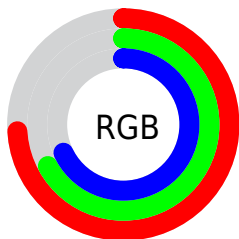
Format	Color
RYB	188, 172, 173
Decimal	12364973
CIELab	71.70, 5.92, 1.56
CIELCh	72, 6.126, 14.781
Yxy	43.2135, 0.3264, 0.3277
Android (android.graphics.Color)	4290555053 (0xFFBCACAD)
YUV	176.8980, -1.9217, 9.7365
Hunter-Lab	65.7370, 1.8145, 4.8807

Details

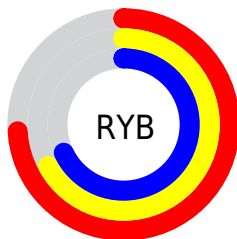
The XYZ color **43.0344, 43.2135, 45.6081** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.9677, 48.3261, 54.0265**, and the grayscale version is **41.7438, 43.9177, 47.8264**.

A 20% lighter version of the original color is **78.7809, 79.7727, 84.6443**, and **20.1593, 19.9643, 20.8801** is the 20% darker color. If you saturate the color by 10%, you get **38.1118, 35.9200, 36.0993**, and if you desaturate by 10%, it is **48.6908, 51.6132, 56.4729**.

Distribution



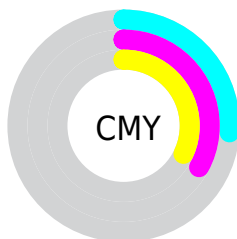
- Red (74%)
- Green (67%)
- Blue (68%)



- Red (74%)
- Yellow (67%)
- Blue (68%)



- Cyan (0%)
- Magenta (9%)
- Yellow (8%)
- Black (26%)





- Cyan (26%)
- Magenta (33%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.0344, 43.2135, 45.6081 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 43.0344, 43.2135, 45.6081 by changing the saturation by 10% instead.


 43.0344, 43.2135,
45.6081

 43.0344, 43.2135,
45.6081


349.6723,
359.4890, 385.4625

 30.1067, 30.0527,
31.5902


 79.0182, 80.0329,
84.9603

 20.0681, 19.8786,
20.7865


102.8050,
104.4603, 111.1317

 12.5531, 12.3068,
12.7783


130.9422,
133.4120, 142.1913

 7.1964, 6.9530,
7.1471

163.7952,
167.2725, 178.5578

 3.6327, 3.4327,
3.4744

201.7294,
206.4260, 220.6496

 1.4965, 1.3616,
1.3417

245.1101,

 0.3234, 0.1882,

251.2570, 268.8853

0.0956

294.3026,
302.1499, 323.6834

■ 0.0000, 0.0000,
0.0000

■ 43.0344, 43.2135,
45.6081

■ 43.0344, 43.2135,
45.6081

■ 38.1118, 35.9200,
36.0993

■ 48.6908, 51.6132,
56.4729

■ 33.8893, 29.6812,
27.8908

■ 55.1054, 61.1565,
68.7412

■ 30.3364, 24.4501,
20.9267

■ 62.3061, 71.8860,
82.4615

■ 27.4184, 20.1737,
15.1463

■ 70.3183, 83.8406,
97.6791

■ 25.0981, 16.7945,
10.4839

■ 74.5493, 89.4315,
107.9406

■ 23.3338, 14.2484,
6.8670

■ 22.0789, 12.4633,
4.2148

■ 21.2790, 11.3544,
2.4347

■ 20.8514, 10.7850,
1.4106

Harmonies

Analogous

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



43.0303, 43.2135, 48.5695



43.0344, 43.2135, 45.6081



42.5069, 43.2135, 43.1375

Triad

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



43.0344, 43.2135, 45.6081



39.6825, 43.2135, 43.1084



40.5512, 43.2135, 52.7892

Complementary

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



43.0344, 43.2135, 45.6081



43.9677, 48.3261, 54.0265

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.



39.6719, 43.2135, 51.1967



43.0344, 43.2135, 45.6081



39.1762, 43.2135, 45.5668

Square

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



43.0344, 43.2135, 45.6081



40.5658, 43.2135, 41.7361



39.1724, 43.2135, 48.5264



41.5847, 43.2135, 52.8014

Rectangle

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



43.0344, 43.2135, 45.6081



41.9299, 43.2135, 42.0655



39.1724, 43.2135, 48.5264



40.2281, 43.2135, 52.4181

Sweetspot

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



43.0356, 43.2154, 45.6090



83.4228, 86.3773, 93.0981



44.3081, 43.6942, 53.6761



17.7617, 18.3107, 19.6783



90.7827, 95.5105, 104.0109



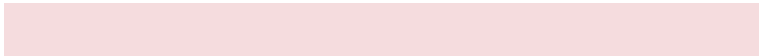
18.6292, 19.5994, 21.3438

Same Dimension

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



43.0356, 43.2154, 45.6090



76.4278, 75.9967, 79.6395



44.2934, 45.8849, 45.5541



9.5536, 9.5458, 10.0385



14.1742, 7.3008, 0.9451



0.5635, 0.2893, 0.0809

Inverse Universe

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



43.0356, 43.2154, 45.6090



76.4278, 75.9967, 79.6395



42.6294, 45.4779, 54.1089



9.5536, 9.5458, 10.0385



14.1742, 7.3008, 0.9451



0.5635, 0.2893, 0.0809

Previews

White Background



This preview shows how the XYZ color 43.0344, 43.2135, 45.6081 looks on a white background.

Color Contrast Check

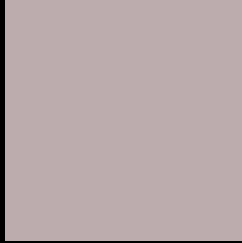
Large Text (above 18pt) WCAG AA × Fail

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 43.0344, 43.2135, 45.6081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

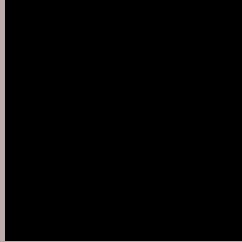
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.0344, 43.2135, 45.6081

Background



This preview shows how black text looks on a background with the XYZ color 43.0344, 43.2135, 45.6081.



This preview shows how white text looks on a background with the XYZ color 43.0344, 43.2135,

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

43.0344, 43.2135, 45.6081

Protanopia

41.6582, 43.3388, 46.7270

Deuteranopia

43.9099, 43.1040, 45.5408



Tritanopia

44.0127, 43.0290, 51.3331

Trichromacy



Original Color

43.0344, 43.2135, 45.6081

Protanomaly

42.0674, 43.2732, 46.1798

Deuteranomaly

43.5916, 43.2193, 45.5798

Tritanomaly

43.7874, 43.2399, 49.2183

Monochromacy



Original Color

43.0344, 43.2135, 45.6081

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.2225, 43.6183, 47.2681

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0344, 43.2135, 45.6081 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(188, 172, 173)` looks like.

```
.text, #text, p{  
    color:rgb(188, 172, 173)  
}
```

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(188, 172, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 172, 173) }
```

Border

The CSS property to change the border of an element to XYZ 43.0344, 43.2135, 45.6081 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(188, 172, 173) }
```


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

```
.border{ border-color:rgb(188, 172, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 172, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 172, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 172, 173);  
box-shadow:4px 4px 4px 4px rgb(188, 172,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0344, 43.2135, 45.6081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 172, 173) }
```

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

```
.background{ background-color: rgb(188,  
172, 173) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor