

Converting Colors

XYZ(45.3591, 43.2686, 53.2313)

Have a look what the booklet for
XYZ(45.3591, 43.2686, 53.2313)
contains.

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Color

**XYZ(45.4057, 43.4331,
53.0040)**

Conversions

Conversions Part 1

Format	Color
Hex	C2A9BB
RGB	194, 169, 187
RGB Percent	76%, 66%, 73%
CMY	0.2392, 0.3372, 0.2667
CMYK	0.00, 0.13, 0.04, 0.24
HSL	317°, 17%, 71%
HSV	317°, 13%, 76%
XYZ	45.4057, 43.4331, 53.0040
YIQ	178.5270, 9.1220, 10.8980

Conversions

Conversions Part 2

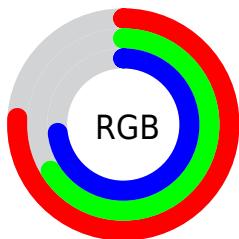
Format	Color
RYB	194, 169, 187
Decimal	12757435
CIELab	71.85, 12.21, -5.87
CIELCh	72, 13.548, 334.331
Yxy	43.4331, 0.3201, 0.3062
Android (android.graphics.Color)	4290947515 (0xFFC2A9BB)
YUV	178.5270, 4.1772, 13.5698
Hunter-Lab	65.9038, 7.6494, -1.5521

Details

The XYZ color **45.4057, 43.4331, 53.0040** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.4921, 50.1543, 48.4650**, and the grayscale version is **42.5723, 44.7894, 48.7757**.

A 20% lighter version of the original color is **82.6170, 80.2916, 95.9375**, and **21.4796, 20.0193, 25.2863** is the 20% darker color. If you saturate the color by 10%, you get **41.4907, 36.5157, 48.8839**, and if you desaturate by 10%, it is **49.8808, 51.4341, 57.4203**.

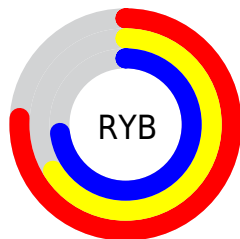
Distribution



Red (76%)

Green (66%)

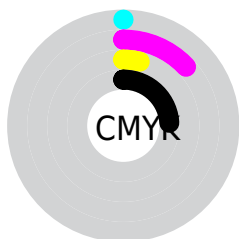
Blue (73%)



Red (76%)

Yellow (66%)

Blue (73%)

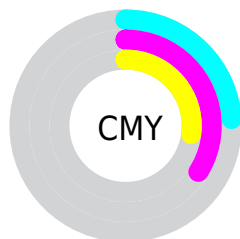


Cyan (0%)

Magenta (13%)

Yellow (4%)

Black (24%)



Cyan (24%)


Magenta (34%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.4057, 43.4331, 53.0040 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 45.4057, 43.4331, 53.0040 by changing the saturation by 10% instead.


 45.4057, 43.4331,
53.0040


 45.4057, 43.4331,
53.0040


359.1703,
360.3899, 415.3672

 31.9797, 30.2251,
37.4182

 82.5622, 80.3640,
96.0519

 21.5015, 20.0095,
25.2331


 107.0234,
104.8557, 124.3510

 13.6056, 12.4019,
16.0302


135.8938,
133.8774, 157.7250

 7.9267, 7.0180,
9.3910

169.5387,
167.8135, 196.5925

 4.0995, 3.4734,
4.8968

208.3234,
207.0484, 241.3719

 1.7586, 1.3836,
2.1291

252.6134,

 0.4925, 0.2046,

251.9665, 292.4818

0.6330

302.7739,
302.9522, 350.3407

■ 0.0000, 0.0000,
0.0000

■ 45.4057, 43.4331,
53.0040

■ 45.4057, 43.4331,
53.0040

■ 41.4907, 36.5157,
48.8839

■ 49.8808, 51.4341,
57.4203

■ 38.1081, 30.6291,
45.0483

■ 54.9343, 60.5571,
62.1387

■ 35.2339, 25.7246,
41.4882

■ 60.5887, 70.8458,
67.1683

■ 32.8403, 21.7474,
38.1933

■ 66.8639, 82.3398,
72.5168

■ 30.8970, 18.6371,
35.1522

■ 70.1670, 87.8529,
76.9877

■ 29.3700, 16.3263,
32.3523

■ 70.8734, 88.1355,
80.7072

■ 28.2205, 14.7376,
29.7795

■ 71.6031, 88.4273,
84.5499

■ 27.4017, 13.7779,
27.4166

■ 72.3564, 88.7287,
88.5167

■ 26.9580, 13.3533,
25.8418

■ 73.1335, 89.0395,
92.6089

Harmonies

Analogous

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



43.8315, 43.4331, 58.5637



45.4057, 43.4331, 53.0040



45.8597, 43.4331, 46.3395

Triad

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



45.4057, 43.4331, 53.0040



40.9482, 43.4331, 35.7326



37.7298, 43.4331, 54.8151

Complementary

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



45.4057, 43.4331, 53.0040



43.4921, 50.1543, 48.4650

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.



37.0193, 43.4331, 48.2560



45.4057, 43.4331, 53.0040



38.8330, 43.4331, 37.5669

Square

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



45.4057, 43.4331, 53.0040



43.2312, 43.4331, 36.7510



37.4156, 43.4331, 42.0045



39.3921, 43.4331, 59.6757

Rectangle

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



45.4057, 43.4331, 53.0040



45.4523, 43.4331, 42.2533



37.4156, 43.4331, 42.0045



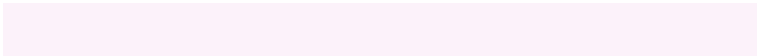
37.3746, 43.4331, 52.7146

Sweetspot

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



45.4070, 43.4350, 53.0049



89.3612, 91.3720, 103.0589



41.7566, 41.4644, 56.8421



19.4271, 19.7547, 22.4314



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.



45.4070, 43.4350, 53.0049



80.5062, 75.5696, 94.2263



44.1591, 42.9358, 46.4336



10.3731, 10.1978, 12.0553



17.7603, 8.7939, 17.1816



0.7955, 0.3912, 0.8905

Inverse Universe

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



45.4070, 43.4350, 53.0049



80.5062, 75.5696, 94.2263



44.7504, 50.6576, 55.0915



10.3731, 10.1978, 12.0553



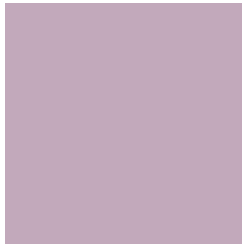
17.7603, 8.7939, 17.1816



0.7955, 0.3912, 0.8905

Previews

White Background



This preview shows how the XYZ color 45.4057, 43.4331, 53.0040 looks on a white background.

Color Contrast Check

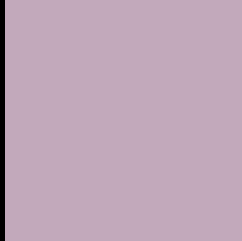
Large Text (above 18pt) WCAG AA × Fail

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 45.4057, 43.4331, 53.0040 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 45.4057, 43.4331, 53.0040

Background



This preview shows how black text looks on a background with the XYZ color 45.4057, 43.4331, 53.0040.



This preview shows how white text looks on a background with the XYZ color 45.4057, 43.4331,

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

45.4057, 43.4331, 53.0040

Protanopia

42.4131, 43.5355, 55.4580

Deuteranopia

44.5188, 43.5325, 53.0699



Tritanopia

44.9143, 43.5058, 50.8300

Trichromacy



Original Color

45.4057, 43.4331, 53.0040

Protanomaly

43.5292, 43.5499, 54.8269

Deuteranomaly

44.8302, 43.4137, 53.0306

Tritanomaly

45.0188, 43.5476, 51.3802

Monochromacy



Original Color

45.4057, 43.4331, 53.0040

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

43.5406, 44.2277, 50.4979

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.4057, 43.4331, 53.0040 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(194, 169, 187)` looks like.

```
.text, #text, p{  
    color:rgb(194, 169, 187)  
}
```

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(194, 169, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 169, 187) }
```

Border

The CSS property to change the border of an element to XYZ 45.4057, 43.4331, 53.0040 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(194, 169, 187) }
```


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

```
.border{ border-color:rgb(194, 169, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 169, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 169, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 169, 187);  
box-shadow:4px 4px 4px 4px rgb(194, 169,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 45.4057, 43.4331, 53.0040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 169, 187) }
```

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

```
.background{ background-color: rgb(194,  
169, 187) }
```

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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