

Converting Colors

XYZ(43.1136, 38.3028, 53.0351)

Have a look what the booklet for
XYZ(43.1136, 38.3028, 53.0351)
contains.

XYZ(43.2466, 38.3874, 53.2743)	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(43.2466, 38.3874,
53.2743)**

Conversions

Conversions Part 1

Format	Color
Hex	C39ABD
RGB	195, 154, 189
RGB Percent	76%, 60%, 74%
CMY	0.2353, 0.3961, 0.2588
CMYK	0.00, 0.21, 0.03, 0.24
HSL	309°, 25%, 68%
HSV	309°, 21%, 76%
XYZ	43.2466, 38.3874, 53.2743
YIQ	170.2490, 13.2010, 19.5770

Conversions

Conversions Part 2

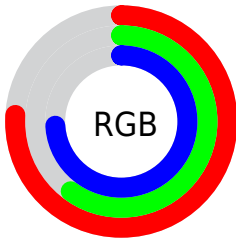
Format	Color
R_{YB}	195, 154, 189
Decimal	12819133
CIE _{Lab}	68.31, 21.18, -12.24
CIE _{LCh}	68, 24.468, 329.974
Yxy	38.3874, 0.3206, 0.2845
Android (android.graphics.Color)	4291009213 (0xFFC39ABD)
YUV	170.2490, 9.2442, 21.7066
Hunter-Lab	61.9576, 16.1679, -7.6103

Details

The XYZ color **43.2466, 38.3874, 53.2743** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **39.1882, 48.4395, 40.5442**, and the grayscale version is **38.2843, 40.2781, 43.8628**.

A 20% lighter version of the original color is **79.4268, 72.8889, 96.2689**, and **20.2787, 17.1408, 25.5323** is the 20% darker color. If you saturate the color by 10%, you get **39.9795, 32.3436, 50.6721**, and if you desaturate by 10%, it is **47.0449, 45.4826, 56.0845**.

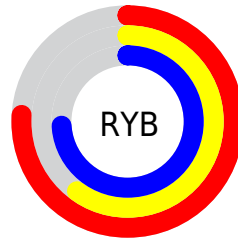
Distribution



Red (76%)

Green (60%)

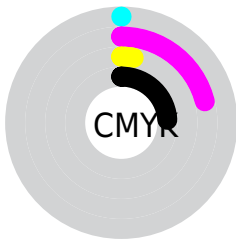
Blue (74%)



Red (76%)

Yellow (60%)

Blue (74%)

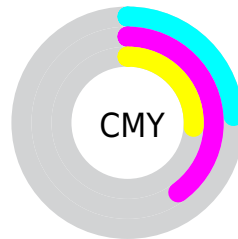


Cyan (0%)

Magenta (21%)

Yellow (3%)

Black (24%)



Cyan (24%)


Magenta (40%)


Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.2466, 38.3874, 53.2743 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 43.2466, 38.3874, 53.2743 by changing the saturation by 10% instead.


 43.2466, 38.3874,
53.2743


 43.2466, 38.3874,
53.2743


350.5293,
339.2789, 416.4327

 30.2740, 26.2835,
37.6326


 79.3363, 72.7015,
96.4535

 20.1958, 17.0358,
25.3980


 103.1840, 95.6806,
124.8281

 12.6465, 10.2601,
16.1521


131.3876,
123.0534, 158.2840

 7.2609, 5.5717,
9.4763

164.3122,
155.2045, 197.2398

 3.6736, 2.5865,
4.9521

202.3234,
192.5182, 242.1140

 1.5192, 0.9199,
2.1610

245.7864,

 0.3388, 0.0000,

235.3789, 293.3252

0.6517

295.0665,
284.1710, 351.2919

■ 0.0000, 0.0000,
0.0000

■ 43.2466, 38.3874,
53.2743

■ 43.2466, 38.3874,
53.2743

■ 39.9795, 32.3436,
50.6721

■ 47.0449, 45.4826,
56.0845

■ 37.2150, 27.2958,
48.2670

■ 51.3945, 53.6712,
59.1083

■ 34.9268, 23.1910,
46.0503

■ 56.3186, 62.9991,
62.3540

■ 33.0850, 19.9694,
44.0120

■ 61.8382, 73.5079,
65.8287

■ 31.6562, 17.5643,
42.1408

■ 67.9730, 85.2373,
69.5394

■ 30.6023, 15.8995,
40.4237

■ 69.4218, 87.5846,
71.7189

■ 29.8779, 14.8844,
38.8456

■ 69.7721, 87.7247,
73.5633

■ 29.4313, 14.3724,
37.5215

■ 70.1286, 87.8673,
75.4410

■ 70.4916, 88.0125,
77.3523

Harmonies

Analogous

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



40.2937, 38.3874, 62.8782



43.2466, 38.3874, 53.2743



44.3639, 38.3874, 41.8068

Triad

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



43.2466, 38.3874, 53.2743



36.4894, 38.3874, 24.0431



30.4667, 38.3874, 53.2551

Complementary

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



43.2466, 38.3874, 53.2743



39.1882, 48.4395, 40.5442

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.



29.6008, 38.3874, 41.7879



43.2466, 38.3874, 53.2743



32.9262, 38.3874, 26.0492

Square

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



43.2466, 38.3874, 53.2743



40.2998, 38.3874, 26.0560



30.4696, 38.3874, 32.0998



32.9209, 38.3874, 62.8659

Rectangle

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



43.2466, 38.3874, 53.2743



43.8607, 38.3874, 34.9935



30.4696, 38.3874, 32.0998



29.9882, 38.3874, 49.4305

Sweetspot

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



43.2478, 38.3891, 53.2751



87.9720, 88.4403, 103.0683



35.7984, 34.4720, 56.3975



19.1518, 19.1546, 22.4921



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.



43.2478, 38.3891, 53.2751



74.7882, 63.8041, 93.3363



41.2272, 37.5809, 42.6350



10.4319, 10.2214, 12.3647



19.1527, 9.3508, 24.5140



0.8452, 0.4111, 1.1522

Inverse Universe

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



43.2478, 38.3891, 53.2751



74.7882, 63.8041, 93.3363



41.0777, 49.1953, 50.4941



10.4319, 10.2214, 12.3647



19.1527, 9.3508, 24.5140



0.8452, 0.4111, 1.1522

Previews

White Background



This preview shows how the XYZ color 43.2466, 38.3874, 53.2743 looks on a white background.

Color Contrast Check

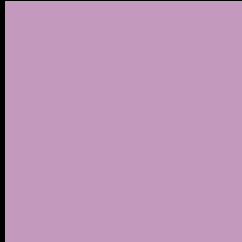
Large Text (above 18pt) WCAG AA × Fail

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 43.2466, 38.3874, 53.2743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

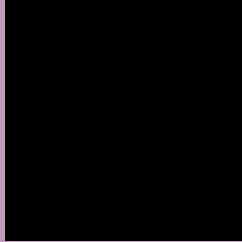
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.2466, 38.3874, 53.2743

Background



This preview shows how black text looks on a background with the XYZ color 43.2466, 38.3874, 53.2743.



This preview shows how white text looks on a background with the XYZ color 43.2466, 38.3874,

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

43.2466, 38.3874, 53.2743

Protanopia

38.1169, 38.4729, 57.6416

Deuteranopia

39.1236, 38.3128, 52.3468



Tritanopia

41.0509, 38.2227, 43.2443

Trichromacy



Original Color

43.2466, 38.3874, 53.2743

Protanomaly

39.6041, 38.2242, 55.7427

Deuteranomaly

40.5313, 38.2509, 52.8239

Tritanomaly

41.8166, 38.2887, 46.7815

Monochromacy



Original Color

43.2466, 38.3874, 53.2743

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

39.8017, 39.3089, 47.0846

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2466, 38.3874, 53.2743 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, 154, 189)` looks like.

```
.text, #text, p{  
    color:rgb(195, 154, 189)  
}
```

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, 154, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 154, 189) }
```

Border

The CSS property to change the border of an element to XYZ 43.2466, 38.3874, 53.2743 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, 154, 189) }
```


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

```
.border{ border-color:rgb(195, 154, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 154, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 154, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 154, 189);  
box-shadow:4px 4px 4px 4px rgb(195, 154,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2466, 38.3874, 53.2743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 154, 189) }
```

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

```
.background{ background-color: rgb(195,  
154, 189) }
```

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