

Converting Colors

XYZ(43.4596, 42.1875, 53.9088)

Have a look what the booklet for
XYZ(43.4596, 42.1875, 53.9088)
contains.

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Color

**XYZ(43.4376, 42.1185,
53.9844)**

Conversions

Conversions Part 1

Format	Color
Hex	BAA8BD
RGB	186, 168, 189
RGB Percent	73%, 66%, 74%
CMY	0.2706, 0.3412, 0.2588
CMYK	0.02, 0.11, 0.00, 0.26
HSL	291°, 14%, 70%
HSV	291°, 11%, 74%
XYZ	43.4376, 42.1185, 53.9844
YIQ	175.7760, 3.9870, 10.3470

Conversions

Conversions Part 2

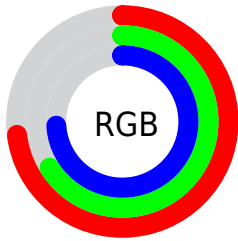
Format	Color
RYB	186, 168, 189
Decimal	12232893
CIELab	70.95, 10.34, -8.38
CIELCh	71, 13.306, 320.987
Yxy	42.1185, 0.3113, 0.3018
Android (android.graphics.Color)	4290422973 (0xFFBAA8BD)
YUV	175.7760, 6.5194, 8.9664
Hunter-Lab	64.8988, 5.8996, -3.8898

Details

The XYZ color **43.4376, 42.1185, 53.9844** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.0617, 47.8814, 44.0731**, and the grayscale version is **41.1169, 43.2582, 47.1082**.

A 20% lighter version of the original color is **79.4871, 78.2452, 97.2996**, and **20.3622, 19.2549, 25.9359** is the 20% darker color. If you saturate the color by 10%, you get **39.5494, 35.3063, 52.8751**, and if you desaturate by 10%, it is **47.8478, 49.9550, 55.2652**.

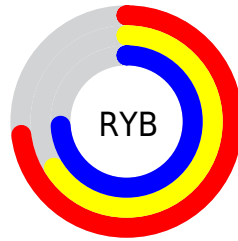
Distribution



Red (73%)

Green (66%)

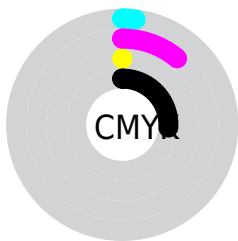
Blue (74%)



Red (73%)

Yellow (66%)

Blue (74%)

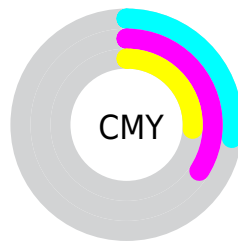


Cyan (2%)

Magenta (11%)

Yellow (0%)

Black (26%)



Cyan (27%)

Magenta (34%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.4376, 42.1185, 53.9844 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 43.4376, 42.1185, 53.9844 by changing the saturation by 10% instead.

■ 43.4376, 42.1185,
53.9844

■ 43.4376, 42.1185,
53.9844

351.2994,
354.9739, 419.2235

■ 30.4246, 29.1941,
38.1961

■ 79.6224, 78.3789,
97.5075

■ 20.3108, 19.2277,
25.8319

■ 103.5249,
102.4838, 126.0794

■ 12.7307, 11.8349,
16.4733

131.7880,
131.0842, 159.7496

■ 7.3191, 6.6314,
9.7017

164.7770,
164.5646, 198.9366

■ 3.7106, 3.2327,
5.0986

202.8573,
203.3093, 244.0589

■ 1.5397, 1.2544,
2.2455

246.3943,

■ 0.3526, 0.1055,

247.7029, 295.5351

0.7004

295.7532,
298.1296, 353.7838

■ 0.0000, 0.0000,
0.0000

■ 43.4376, 42.1185,
53.9844

■ 43.4376, 42.1185,
53.9844

■ 39.5494, 35.3063,
52.8751

■ 47.8478, 49.9550,
55.2652

■ 36.1577, 29.4693,
51.9272

■ 52.7969, 58.8514,
56.7215

■ 33.2402, 24.5626,
51.1339

■ 58.3054, 68.8480,
58.3607

■ 30.7716, 20.5357,
50.4867

■ 64.3918, 79.9818,
60.1890

■ 28.7241, 17.3329,
49.9764

■ 68.6325, 87.4053,
61.3984

■ 27.0668, 14.8926,
49.5927

■ 69.3578, 87.7792,
61.4323

■ 25.7643, 13.1442,
49.3239

■ 70.0960, 88.1597,
61.4668

■ 24.7748, 12.0038,
49.1559

■ 70.8470, 88.5469,
61.5020

■ 24.0849, 11.3551,
49.0671

■ 71.6109, 88.9407,
61.5377

Harmonies

Analogous

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



41.5790, 42.1185, 58.2320



43.4376, 42.1185, 53.9844



44.3929, 42.1185, 47.7997

Triad

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



43.4376, 42.1185, 53.9844



40.7041, 42.1185, 34.8257



36.1819, 42.1185, 50.3739

Complementary

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



43.4376, 42.1185, 53.9844



42.0617, 47.8814, 44.0731

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.



35.9671, 42.1185, 43.9733



43.4376, 42.1185, 53.9844



38.5246, 42.1185, 35.3774

Square

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



43.4376, 42.1185, 53.9844



42.7769, 42.1185, 37.0110



36.8099, 42.1185, 38.5944



37.4078, 42.1185, 56.0175

Rectangle

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



43.4376, 42.1185, 53.9844



44.3656, 42.1185, 43.5718



36.8099, 42.1185, 38.5944



35.9909, 42.1185, 48.2267

Sweetspot

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



43.4388, 42.1203, 53.9853



84.0891, 86.6017, 98.5100



39.9268, 41.1835, 53.9896



17.9416, 18.3712, 21.1429



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.



43.4388, 42.1203, 53.9853



76.2602, 72.7263, 96.2444



43.3976, 42.1889, 49.9238



9.7923, 9.6253, 12.0140



16.2541, 7.6654, 33.0158



0.6739, 0.3195, 1.2950

Inverse Universe

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



42.3411, 41.7663, 44.3604



73.9672, 71.9900, 75.9999



42.1199, 47.8300, 47.7518



9.5842, 9.5580, 10.1995



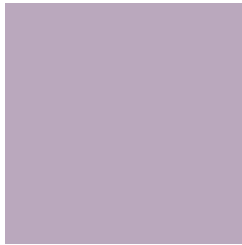
14.2708, 7.3395, 1.4537



0.5771, 0.2947, 0.1520

Previews

White Background



This preview shows how the XYZ color 43.4376, 42.1185, 53.9844 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 43.4376, 42.1185, 53.9844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

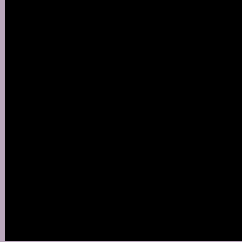
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.4376, 42.1185, 53.9844

Background



This preview shows how black text looks on a background with the XYZ color 43.4376, 42.1185, 53.9844.



This preview shows how white text looks on a background with the XYZ color 43.4376, 42.1185,

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

43.4376, 42.1185, 53.9844

Protanopia

41.2526, 42.3508, 55.8695

Deuteranopia

43.1404, 42.2404, 54.0236



Tritanopia

42.6390, 42.0676, 50.1285

Trichromacy



Original Color

43.4376, 42.1185, 53.9844

Protanomaly

41.8714, 42.1175, 55.2128

Deuteranomaly

43.3809, 42.3643, 54.0348

Tritanomaly

42.9525, 42.1930, 51.7792

Monochromacy



Original Color

43.4376, 42.1185, 53.9844

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

42.1065, 42.9266, 49.7825

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4376, 42.1185, 53.9844 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(186, 168, 189)` looks like.

```
.text, #text, p{  
    color:rgb(186, 168, 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(186, 168, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 168, 189) }
```

Border

The CSS property to change the border of an element to XYZ 43.4376, 42.1185, 53.9844 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(186, 168, 189) }
```


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

```
.border{ border-color:rgb(186, 168, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 168, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 168, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 168, 189);  
box-shadow:4px 4px 4px 4px rgb(186, 168,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4376, 42.1185, 53.9844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 168, 189) }
```

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

```
.background{ background-color: rgb(186,  
168, 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](#).

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