

Converting Colors

XYZ(44.4189, 43.5888, 56.6553)

Have a look what the booklet for
XYZ(44.4189, 43.5888, 56.6553)
contains.

XYZ(44.3857, 43.6696, 56.5418)	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(44.3857, 43.6696,
56.5418)**

Conversions

Conversions Part 1

Format	Color
Hex	B9ACC1
RGB	185, 172, 193
RGB Percent	73%, 67%, 76%
CMY	0.2745, 0.3255, 0.2431
CMYK	0.04, 0.11, 0.00, 0.24
HSL	277°, 14%, 72%
HSV	277°, 11%, 76%
XYZ	44.3857, 43.6696, 56.5418
YIQ	178.2810, 1.0070, 9.2870

Conversions

Conversions Part 2

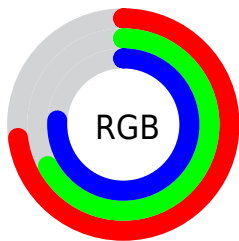
Format	Color
R_{YB}	185, 172, 193
Decimal	12168385
CIE Lab	72.01, 8.58, -9.02
CIE LCh	72, 12.445, 313.555
Yxy	43.6696, 0.3070, 0.3020
Android (android.graphics.Color)	4290358465 (0xFFB9ACC1)
YUV	178.2810, 7.2565, 5.8926
Hunter-Lab	66.0830, 4.2472, -4.4715

Details

The XYZ color **44.3857, 43.6696, 56.5418** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.3405, 50.8230, 46.4521**, and the grayscale version is **42.4292, 44.6388, 48.6116**.

A 20% lighter version of the original color is **80.8436, 80.4785, 100.8955**, and **20.8924, 20.2026, 27.2244** is the 20% darker color. If you saturate the color by 10%, you get **39.2480, 35.9594, 55.3250**, and if you desaturate by 10%, it is **50.1512, 52.4977, 57.9426**.

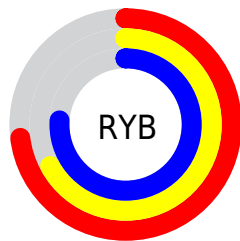
Distribution



Red (73%)

Green (67%)

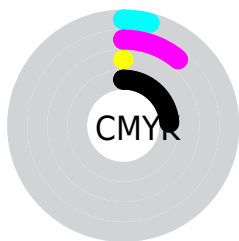
Blue (76%)



Red (73%)

Yellow (67%)

Blue (76%)

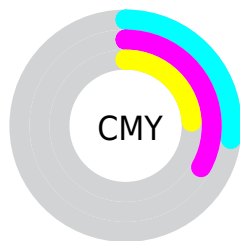


Cyan (4%)

Magenta (11%)

Yellow (0%)

Black (24%)



Cyan (27%)

Magenta (33%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.3857, 43.6696, 56.5418 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 44.3857, 43.6696, 56.5418 by changing the saturation by 10% instead.

■ 44.3857, 43.6696,
56.5418

■ 44.3857, 43.6696,
56.5418

355.1056,
361.3583, 429.1757

■ 31.1731, 30.4108,
40.2306

■ 81.0406, 80.7203,
101.2900

■ 20.8831, 20.1506,
27.4032

105.2135,
105.2811, 130.5640

■ 13.1506, 12.5046,
17.6412

133.7706,
134.3780, 164.9961

■ 7.6100, 7.0883,
10.5259

167.0772,
168.3955, 205.0047

■ 3.8961, 3.5174,
5.6389

205.4986,
207.7178, 251.0085

■ 1.6435, 1.4074,
2.5616

249.4003,

■ 0.4205, 0.2222,

252.7295, 303.4258

0.8725

299.1475,
303.8148, 362.6754

■ 0.0000, 0.0000,
0.0000

■ 44.3857, 43.6696,
56.5418

■ 44.3857, 43.6696,
56.5418

■ 39.2480, 35.9594,
55.3250

■ 50.1512, 52.4977,
57.9426

■ 34.7099, 29.3151,
54.2817

■ 56.5635, 62.4819,
59.5318

■ 30.7469, 23.6887,
53.4046

■ 63.6455, 73.6653,
61.3171

■ 27.3308, 19.0262,
52.6847

■ 71.4178, 86.0872,
63.3051

■ 24.4311, 15.2687,
52.1123

■ 75.4393, 90.8635,
64.0151

■ 22.0139, 12.3506,
51.6764

■ 77.7381, 92.0485,
64.1227

■ 20.0404, 10.1969,
51.3647

■ 80.1363, 93.2848,
64.2349

■ 18.4653, 8.7189,
51.1625

■ 82.6350, 94.5730,
64.3519

■ 17.2975, 7.8052,
51.0476

■ 85.2356, 95.9137,
64.4736

Harmonies

Analogous

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



42.4715, 43.6696, 59.8537



44.3857, 43.6696, 56.5418



45.5494, 43.6696, 50.9384

Triad

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



44.3857, 43.6696, 56.5418



42.6739, 43.6696, 37.1871



37.6605, 43.6696, 50.3440

Complementary

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



44.3857, 43.6696, 56.5418



45.3405, 50.8230, 46.4521

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.



37.7105, 43.6696, 44.3129



44.3857, 43.6696, 56.5418



40.5565, 43.6696, 37.0576

Square

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



44.3857, 43.6696, 56.5418



44.5382, 43.6696, 39.9340



38.7549, 43.6696, 39.5637



38.6158, 43.6696, 56.0748

Rectangle

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



44.3857, 43.6696, 56.5418



45.7190, 43.6696, 46.8270



38.7549, 43.6696, 39.5637



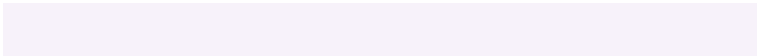
37.5613, 43.6696, 48.2779

Sweetspot

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



44.3870, 43.6715, 56.5428



87.4850, 90.4224, 103.2026



42.9720, 45.2855, 56.9289



18.5841, 19.1151, 22.0954



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



44.3870, 43.6715, 56.5428



77.2587, 74.8293, 100.7318



46.1007, 44.5862, 55.2081



10.1135, 10.0497, 12.6916



11.5960, 5.2384, 33.9565



0.5758, 0.2649, 1.4707

Inverse Universe

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



44.9847, 44.1398, 49.3313



78.5615, 75.8458, 85.2082



43.7688, 49.9853, 47.6181



10.2284, 10.1400, 11.2935



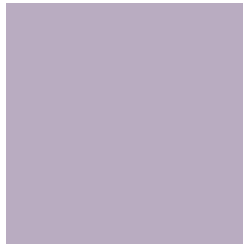
15.4755, 7.8799, 5.1499



0.7023, 0.3539, 0.3997

Previews

White Background



This preview shows how the XYZ color 44.3857, 43.6696, 56.5418 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 44.3857, 43.6696, 56.5418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

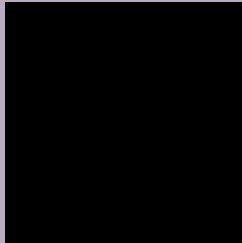
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.3857, 43.6696, 56.5418

Background



This preview shows how black text looks on a background with the XYZ color 44.3857, 43.6696, 56.5418.



This preview shows how white text looks on a background with the XYZ color 44.3857, 43.6696,

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

44.3857, 43.6696, 56.5418

Protanopia

42.6359, 43.5987, 57.7980

Deuteranopia

44.6279, 43.7944, 56.5531



Tritanopia

43.6804, 43.6653, 53.1398

Trichromacy



Original Color

44.3857, 43.6696, 56.5418

Protanomaly

43.2338, 43.6321, 57.1821

Deuteranomaly

44.6279, 43.7944, 56.5531

Tritanomaly

43.8960, 43.7516, 54.2754

Monochromacy



Original Color

44.3857, 43.6696, 56.5418

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

43.1286, 44.2933, 51.0761

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.3857, 43.6696, 56.5418 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(185, 172, 193) looks like.

```
.text, #text, p{  
    color:rgb(185, 172, 193)  
}
```

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(185, 172, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 172, 193) }
```

Border

The CSS property to change the border of an element to XYZ 44.3857, 43.6696, 56.5418 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(185, 172, 193) }
```


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

```
.border{ border-color:rgb(185, 172, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 172, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 172, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 172, 193);  
box-shadow:4px 4px 4px 4px rgb(185, 172,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 44.3857, 43.6696, 56.5418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 172, 193) }
```

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

```
.background{ background-color: rgb(185,  
172, 193) }
```

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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