

Converting Colors

XYZ(39.4682, 40.0612, 40.2769)

Have a look what the booklet for
XYZ(39.4682, 40.0612, 40.2769)
contains.

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Color

**XYZ(39.4856, 40.1055,
40.3104)**

Conversions

Conversions Part 1

Format	Color
Hex	B5A7A3
RGB	181, 167, 163
RGB Percent	71%, 65%, 64%
CMY	0.2902, 0.3451, 0.3608
CMYK	0.00, 0.08, 0.10, 0.29
HSL	13°, 11%, 67%
HSV	13°, 10%, 71%
XYZ	39.4856, 40.1055, 40.3104
YIQ	170.7300, 9.6280, 1.7240

Conversions

Conversions Part 2

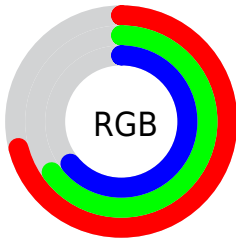
Format	Color
RYB	181, 168, 163
Decimal	11904931
CIELab	69.54, 4.35, 3.88
CIELCh	70, 5.833, 41.713
Yxy	40.1055, 0.3293, 0.3345
Android (android.graphics.Color)	4290095011 (0xFFB5A7A3)
YUV	170.7300, -3.8109, 9.0068
Hunter-Lab	63.3289, 0.4693, 6.5907

Details

The XYZ color **39.4856, 40.1055, 40.3104** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.1668, 42.5662, 49.8682**, and the grayscale version is **38.5893, 40.5989, 44.2122**.

A 20% lighter version of the original color is **73.7012, 75.3090, 76.9813**, and **17.9021, 17.9984, 17.5694** is the 20% darker color. If you saturate the color by 10%, you get **35.5392, 34.6246, 31.5583**, and if you desaturate by 10%, it is **43.9471, 46.2441, 50.3804**.

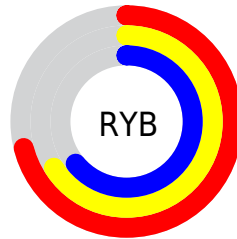
Distribution



Red (71%)

Green (65%)

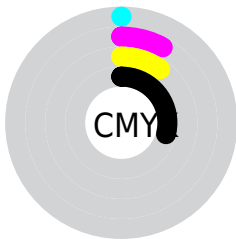
Blue (64%)



Red (71%)

Yellow (66%)

Blue (64%)

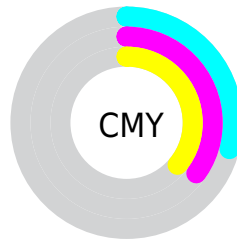


Cyan (0%)

Magenta (8%)

Yellow (10%)

Black (29%)



Cyan (29%)


Magenta (35%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.4856, 40.1055, 40.3104 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 39.4856, 40.1055, 40.3104 by changing the saturation by 10% instead.


 39.4856, 40.1055,
40.3104


 39.4856, 40.1055,
40.3104


335.1224,
346.5680, 363.0210

 27.3201, 27.6208,
27.4650


 73.6689, 75.3241,
76.8782

 17.9516, 18.0400,
17.6873


 96.4174, 98.8269,
101.4377

 11.0147, 10.9787,
10.5586


123.4244,
126.7711, 130.7390

 6.1441, 6.0525,
5.6604

155.0550,
159.5412, 165.2006

 2.9744, 2.8770,
2.5743

191.6748,
197.5215, 205.2410

 1.1402, 1.0679,
0.8791

233.6491,

 0.0584, 0.0000,

241.0965, 251.2789

0.0000

281.3431,
290.6505, 303.7327

■ 0.0000, 0.0000,
0.0000

■ 39.4856, 40.1055,
40.3104

■ 39.4856, 40.1055,
40.3104

■ 35.5392, 34.6246,
31.5583

■ 43.9471, 46.2441,
50.3804

■ 32.0857, 29.7743,
24.0667

■ 48.9380, 53.0558,
61.8170

■ 29.1063, 25.5332,
17.7781

■ 54.4764, 60.5623,
74.6699

■ 26.5798, 21.8771,
12.6293

■ 60.5784, 68.7826,
88.9854

■ 24.4830, 18.7797,
8.5514

■ 67.2595, 77.7349,
104.8075

■ 22.7910, 16.2128,
5.4678

■ 71.7448, 86.3211,
107.4880

■ 21.4757, 14.1458,
3.2918

■ 72.8662, 88.5638,
107.8618

■ 20.5053, 12.5446,
1.9215

■ 19.8268, 11.3642,
1.1514

Harmonies

Analogous

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



39.9181, 40.1055, 42.6247



39.4856, 40.1055, 40.3104



38.6896, 40.1055, 38.9309

Triad

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



39.4856, 40.1055, 40.3104



36.4270, 40.1055, 42.0624



38.4875, 40.1055, 48.9405

Complementary

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



39.4856, 40.1055, 40.3104



39.1668, 42.5662, 49.8682

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.



37.5542, 40.1055, 48.7747



39.4856, 40.1055, 40.3104



36.3749, 40.1055, 44.7284

Square

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



39.4856, 40.1055, 40.3104



36.9279, 40.1055, 39.9134



36.7844, 40.1055, 47.2072



39.3356, 40.1055, 47.6512

Rectangle

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



39.4856, 40.1055, 40.3104



38.0650, 40.1055, 38.6912



36.7844, 40.1055, 47.2072



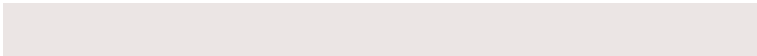
38.1732, 40.1055, 49.0545

Sweetspot

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



39.4867, 40.1073, 40.3113



76.1264, 79.2804, 84.3707



40.0995, 39.1970, 47.1000



16.3132, 16.9423, 17.9177



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



39.4867, 40.1073, 40.3113



69.0452, 69.5144, 68.4568



41.1731, 43.4800, 40.8734



8.6446, 8.8017, 8.8958



13.7097, 7.9179, 0.8057



0.4749, 0.3362, 0.0399

Inverse Universe

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



39.1668, 42.5662, 49.8682



68.3526, 74.8346, 89.1366



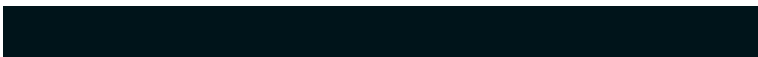
37.4664, 39.1655, 49.3014



8.5792, 9.3045, 10.8501



12.3434, 15.4871, 32.4757



0.4281, 0.5667, 1.0351

Previews

White Background



This preview shows how the XYZ color 39.4856, 40.1055, 40.3104 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 39.4856, 40.1055, 40.3104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

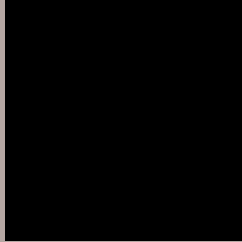
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.4856, 40.1055, 40.3104

Background



This preview shows how black text looks on a background with the XYZ color 39.4856, 40.1055, 40.3104.



This preview shows how white text looks on a background with the XYZ color 39.4856, 40.1055,

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

39.4856, 40.1055, 40.3104

Protanopia

38.3444, 40.0549, 40.8324

Deuteranopia

40.9626, 40.0501, 40.6934



Tritanopia

41.0195, 40.1919, 47.7153

Trichromacy



Original Color

39.4856, 40.1055, 40.3104

Protanomaly

38.8349, 40.0327, 40.8022

Deuteranomaly

40.4057, 40.0297, 40.7189

Tritanomaly

40.4704, 40.2347, 45.1682

Monochromacy



Original Color

39.4856, 40.1055, 40.3104

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.1218, 40.6906, 42.8379

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4856, 40.1055, 40.3104 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(181, 167, 163)` looks like.

```
.text, #text, p{  
    color:rgb(181, 167, 163)  
}
```

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(181, 167, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 167, 163) }
```

Border

The CSS property to change the border of an element to XYZ 39.4856, 40.1055, 40.3104 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(181, 167, 163) }
```


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

```
.border{ border-color:rgb(181, 167, 163) }
```

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

Here you see how a box with a 4 pixel rgb(181, 167, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 167, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 167, 163);  
box-shadow:4px 4px 4px 4px rgb(181, 167,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4856, 40.1055, 40.3104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 167, 163) }
```

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

```
.background{ background-color: rgb(181,  
167, 163) }
```

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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