

Converting Colors

XYZ(40.1759, 39.5508, 42.8355)

Have a look what the booklet for
XYZ(40.1759, 39.5508, 42.8355)
contains.

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Color

**XYZ(40.2041, 39.6058,
43.0618)**

Conversions

Conversions Part 1

Format	Color
Hex	B8A4A9
RGB	184, 164, 169
RGB Percent	72%, 64%, 66%
CMY	0.2784, 0.3568, 0.3373
CMYK	0.00, 0.11, 0.08, 0.28
HSL	345°, 12%, 68%
HSV	345°, 11%, 72%
XYZ	40.2041, 39.6058, 43.0618
YIQ	170.5500, 10.3150, 5.7950

Conversions

Conversions Part 2

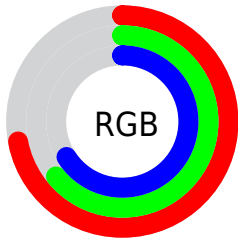
Format	Color
RYB	184, 164, 169
Decimal	12100777
CIELab	69.19, 8.14, 0.07
CIELCh	69, 8.142, 0.497
Yxy	39.6058, 0.3272, 0.3223
Android (android.graphics.Color)	4290290857 (0xFFB8A4A9)
YUV	170.5500, -0.7641, 11.7957
Hunter-Lab	62.9331, 3.8996, 3.4842

Details

The XYZ color **40.2041, 39.6058, 43.0618** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.5886, 45.4293, 49.2796**, and the grayscale version is **38.4841, 40.4883, 44.0917**.

A 20% lighter version of the original color is **74.7212, 74.5701, 80.9762**, and **18.3651, 17.6980, 19.2777** is the 20% darker color. If you saturate the color by 10%, you get **35.9185, 32.9997, 35.5744**, and if you desaturate by 10%, it is **45.1051, 47.2230, 51.4302**.

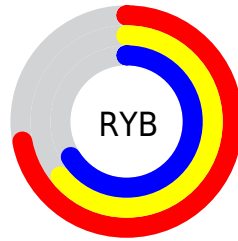
Distribution



Red (72%)

Green (64%)

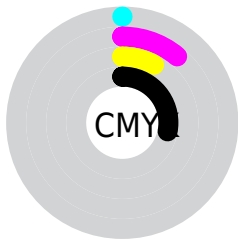
Blue (66%)



Red (72%)

Yellow (64%)

Blue (66%)

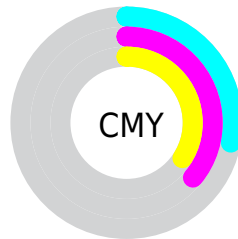


Cyan (0%)

Magenta (11%)

Yellow (8%)

Black (28%)



Cyan (28%)


Magenta (36%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.2041, 39.6058, 43.0618 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 40.2041, 39.6058, 43.0618 by changing the saturation by 10% instead.


 40.2041, 39.6058,
43.0618


 40.2041, 39.6058,
43.0618


338.1028,
344.4593, 374.7945

 27.8826, 27.2313,
29.6018


 74.7566, 74.5629,
81.0915

 18.3772, 17.7470,
19.2871


 97.7183, 97.9142,
106.4983

 11.3225, 10.7685,
11.6990

124.9575,
125.6934, 136.7244

 6.3531, 5.9114,
6.4190

156.8395,
158.2847, 172.1885

 3.1036, 2.7913,
3.0286

193.7296,
196.0725, 213.3090

 1.2088, 1.0238,
1.1093

235.9933,

 0.1133, 0.0000,

239.4413, 260.5045

0.0000

283.9959,
288.7754, 314.1935

■ 0.0000, 0.0000,
0.0000

■ 40.2041, 39.6058,
43.0618

■ 40.2041, 39.6058,
43.0618

■ 35.9185, 32.9997,
35.5744

■ 45.1051, 47.2230,
51.4302

■ 32.2205, 27.3569,
28.9365

■ 50.6415, 55.8858,
60.7047

■ 29.0848, 22.6338,
23.1182

■ 56.8362, 65.6339,
70.9126

■ 26.4832, 18.7813,
18.0869

■ 63.7101, 76.5029,
82.0792

■ 24.3848, 15.7456,
13.8080

■ 70.9619, 87.8843,
94.1217

■ 22.7555, 13.4670,
10.2438

■ 73.0688, 88.7270,
105.2164

■ 21.5568, 11.8775,
7.3534

■ 73.5775, 88.9305,
107.8951

■ 20.7435, 10.8968,
5.0912

■ 20.2602, 10.3876,
3.5197

Harmonies

Analogous

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



39.8659, 39.6058, 46.7531



40.2041, 39.6058, 43.0618



39.8433, 39.6058, 39.5858

Triad

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



40.2041, 39.6058, 43.0618



36.3875, 39.6058, 37.2349



36.4243, 39.6058, 49.6717

Complementary

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



40.2041, 39.6058, 43.0618



40.5886, 45.4293, 49.2796

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.



35.5274, 39.6058, 46.8669



40.2041, 39.6058, 43.0618



35.5065, 39.6058, 39.6877

Square

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



40.2041, 39.6058, 43.0618



37.6224, 39.6058, 36.3428



35.1952, 39.6058, 43.1862



37.6659, 39.6058, 50.7002

Rectangle

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



40.2041, 39.6058, 43.0618



39.2596, 39.6058, 37.8237



35.1952, 39.6058, 43.1862



36.0736, 39.6058, 48.8976

Sweetspot

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



40.2052, 39.6075, 43.0626



79.7288, 82.4311, 89.7812



40.5189, 39.5971, 50.8555



17.0292, 17.5235, 19.0854



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



40.2052, 39.6075, 43.0626



70.9577, 68.8226, 74.7309



40.6573, 41.2482, 40.9428



9.0942, 9.0481, 9.8435



13.9874, 7.1687, 2.5546



0.5187, 0.2629, 0.2247

Inverse Universe

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



40.2052, 39.6075, 43.0626



70.9577, 68.8226, 74.7309



40.0831, 43.5947, 51.6501



9.0942, 9.0481, 9.8435



13.9874, 7.1687, 2.5546



0.5187, 0.2629, 0.2247

Previews

White Background



This preview shows how the XYZ color 40.2041, 39.6058, 43.0618 looks on a white background.

Color Contrast Check

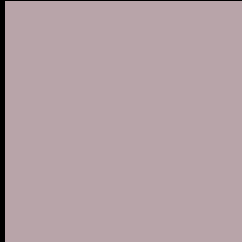
Large Text (above 18pt) WCAG AA × Fail

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 40.2041, 39.6058, 43.0618 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 40.2041, 39.6058, 43.0618

Background



This preview shows how black text looks on a background with the XYZ color 40.2041, 39.6058, 43.0618.



This preview shows how white text looks on a background with the XYZ color 40.2041, 39.6058,

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

40.2041, 39.6058, 43.0618

Protanopia

38.1479, 39.6035, 44.1617

Deuteranopia

40.4445, 39.7298, 43.0731



Tritanopia

40.9412, 39.6433, 46.5684

Trichromacy



Original Color

40.2041, 39.6058, 43.0618

Protanomaly

38.9789, 39.7698, 43.6521

Deuteranomaly

40.4445, 39.7298, 43.0731

Tritanomaly

40.6476, 39.5258, 45.0220

Monochromacy



Original Color

40.2041, 39.6058, 43.0618

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.1628, 40.1376, 43.7134

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.2041, 39.6058, 43.0618 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(184, 164, 169)` looks like.

```
.text, #text, p{  
    color:rgb(184, 164, 169)  
}
```

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(184, 164, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 164, 169) }
```

Border

The CSS property to change the border of an element to XYZ 40.2041, 39.6058, 43.0618 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(184, 164, 169) }
```


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

```
.border{ border-color:rgb(184, 164, 169) }
```

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

Here you see how a box with a 4 pixel rgb(184, 164, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 164, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 164, 169);  
box-shadow:4px 4px 4px 4px rgb(184, 164,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 40.2041, 39.6058, 43.0618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 164, 169) }
```

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

```
.background{ background-color: rgb(184,  
164, 169) }
```

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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