

Converting Colors

XYZ(41.7683, 43.8059, 39.7569)

Have a look what the booklet for
XYZ(41.7683, 43.8059, 39.7569)
contains.

XYZ(41.7255, 43.8142, 39.9760)	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(41.7255, 43.8142,
39.9760)**

Conversions

Conversions Part 1

Format	Color
Hex	B8B0A1
RGB	184, 176, 161
RGB Percent	72%, 69%, 63%
CMY	0.2784, 0.3098, 0.3686
CMYK	0.00, 0.04, 0.12, 0.28
HSL	39°, 14%, 68%
HSV	39°, 12%, 72%
XYZ	41.7255, 43.8142, 39.9760
YIQ	176.6820, 9.5830, -2.9690

Conversions

Conversions Part 2

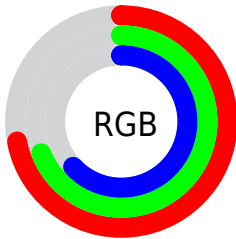
Format	Color
RYB	173, 184, 161
Decimal	12103841
CIELab	72.10, 0.25, 8.69
CIELCh	72, 8.696, 88.370
Yxy	43.8142, 0.3324, 0.3491
Android (android.graphics.Color)	4290293921 (0xFFB8B0A1)
YUV	176.6820, -7.7312, 6.4179
Hunter-Lab	66.1923, -3.3158, 10.5272

Details

The XYZ color **41.7255, 43.8142, 39.9760** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.5375, 39.4129, 50.9768**, and the grayscale version is **41.6599, 43.8294, 47.7302**.

A 20% lighter version of the original color is **77.1865, 81.1964, 76.5700**, and **19.3280, 20.3447, 17.3762** is the 20% darker color. If you saturate the color by 10%, you get **38.9963, 40.7640, 31.6414**, and if you desaturate by 10%, it is **44.7550, 47.0820, 49.5899**.

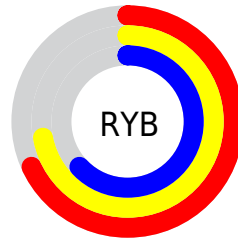
Distribution



Red (72%)

Green (69%)

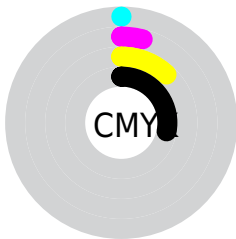
Blue (63%)



Red (68%)

Yellow (72%)

Blue (63%)

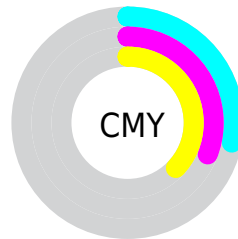


Cyan (0%)

Magenta (4%)

Yellow (12%)

Black (28%)



Cyan (28%)

Magenta (31%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.7255, 43.8142, 39.9760 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 41.7255, 43.8142, 39.9760 by changing the saturation by 10% instead.

■ 41.7255, 43.8142,
39.9760

■ 41.7255, 43.8142,
39.9760

344.3548,
361.9495, 361.5715

■ 29.0766, 30.5245,
27.2062

■ 77.0518, 80.9381,
76.3637

■ 19.2833, 20.2370,
17.4943

■ 100.4599,
105.5410, 100.8186

■ 11.9804, 12.5674,
10.4219

128.1850,
134.6838, 130.0056

■ 6.8024, 7.1314,
5.5703

160.5927,
168.7509, 164.3433

■ 3.3841, 3.5444,
2.5211

198.0481,
208.1266, 204.2502

■ 1.3600, 1.4221,
0.8513

240.9167,

■ 0.2274, 0.2329,

253.1953, 250.1448

0.0000

289.5638,
304.3415, 302.4458

■ 0.0000, 0.0000,
0.0000

■ 41.7255, 43.8142,
39.9760

■ 41.7255, 43.8142,
39.9760

■ 38.9963, 40.7640,
31.6414

■ 44.7550, 47.0820,
49.5899

■ 36.5527, 37.9199,
24.5283

■ 48.0918, 50.5672,
60.5318

■ 34.3839, 35.2777,
18.5785

■ 51.7471, 54.2768,
72.8515

■ 32.4769, 32.8308,
13.7282

■ 55.7304, 58.2159,
86.5953

■ 30.8177, 30.5723,
9.9072

■ 60.0507, 62.3894,
101.8072

■ 29.3904, 28.4945,
7.0370

■ 61.9621, 65.6999,
104.0233

■ 28.1773, 26.5888,
5.0279

■ 63.6169, 69.0096,
104.5750

■ 27.1570, 24.8452,
3.7727

■ 65.3361, 72.4480,
105.1480

■ 26.4873, 23.6304,
3.1651

■ 67.1204, 76.0165,
105.7428

Harmonies

Analogous

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



43.1625, 43.8142, 41.0645



41.7255, 43.8142, 39.9760



40.2994, 43.8142, 40.8541

Triad

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



41.7255, 43.8142, 39.9760



39.1772, 43.8142, 51.7062



44.1278, 43.8142, 52.1333

Complementary

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



41.7255, 43.8142, 39.9760



37.5375, 39.4129, 50.9768

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.



43.0183, 43.8142, 55.2847



41.7255, 43.8142, 39.9760



40.1617, 43.8142, 55.0280

Square

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



41.7255, 43.8142, 39.9760



38.8493, 43.8142, 47.4736



41.5628, 43.8142, 56.3738



44.5697, 43.8142, 47.9396

Rectangle

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



41.7255, 43.8142, 39.9760



39.5421, 43.8142, 42.4677



41.5628, 43.8142, 56.3738



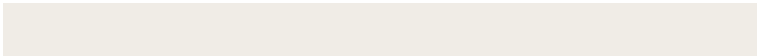
43.8192, 43.8142, 53.3587

Sweetspot

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



41.7267, 43.8161, 39.9769



80.2332, 84.3945, 87.0064



39.6787, 38.5471, 42.9103



17.2051, 18.0960, 18.4632



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.



41.7267, 43.8161, 39.9769



74.2256, 77.8676, 68.0844



42.5247, 46.6241, 40.4769



9.4803, 9.9635, 9.5304



18.3228, 16.4220, 2.2040



0.7014, 0.6899, 0.0962

Inverse Universe

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



37.5375, 39.4129, 50.9768



65.1344, 68.3124, 91.9573



36.8000, 36.8915, 50.5290



8.7696, 9.2165, 11.3962



7.2856, 5.0309, 31.8401



0.3161, 0.2958, 1.1422

Previews

White Background



This preview shows how the XYZ color 41.7255, 43.8142, 39.9760 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 41.7255, 43.8142, 39.9760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

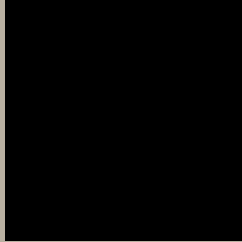
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

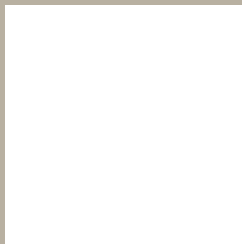
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.7255, 43.8142, 39.9760

Background



This preview shows how black text looks on a background with the XYZ color 41.7255, 43.8142, 39.9760.



This preview shows how white text looks on a background with the XYZ color 41.7255, 43.8142,

39.9760.

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

41.7255, 43.8142, 39.9760

Protanopia

41.7255, 43.8142, 39.9760

Deuteranopia

44.6377, 43.8766, 40.2988



Tritanopia

44.1090, 43.6150, 52.5481

Trichromacy



Original Color

41.7255, 43.8142, 39.9760

Protanomaly

41.7255, 43.8142, 39.9760

Deuteranomaly

43.7133, 43.9651, 40.3646

Tritanomaly

43.1291, 43.5006, 47.7183

Monochromacy



Original Color

41.7255, 43.8142, 39.9760

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.8952, 44.0879, 44.8298

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.7255, 43.8142, 39.9760 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, 176, 161)` looks like.

```
.text, #text, p{  
    color:rgb(184, 176, 161)  
}
```

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, 176, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 176, 161) }
```

Border

The CSS property to change the border of an element to XYZ 41.7255, 43.8142, 39.9760 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, 176, 161) }
```


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

```
.border{ border-color:rgb(184, 176, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 176, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 176, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 176, 161);  
box-shadow:4px 4px 4px 4px rgb(184, 176,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 41.7255, 43.8142, 39.9760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 176, 161) }
```

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

```
.background{ background-color: rgb(184,  
176, 161) }
```

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