

Converting Colors

XYZ(42.1086, 42.0270, 39.6116)

Have a look what the booklet for
XYZ(42.1086, 42.0270, 39.6116)
contains.

XYZ(42.1068, 42.0255, 39.6107)	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(42.1068, 42.0255,
39.6107)**

Conversions

Conversions Part 1

Format	Color
Hex	BFA9A1
RGB	191, 169, 161
RGB Percent	75%, 66%, 63%
CMY	0.2510, 0.3372, 0.3686
CMYK	0.00, 0.12, 0.16, 0.25
HSL	16°, 19%, 69%
HSV	16°, 16%, 75%
XYZ	42.1068, 42.0255, 39.6107
YIQ	174.6660, 15.6800, 2.1760

Conversions

Conversions Part 2

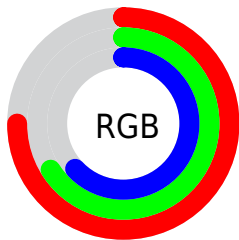
Format	Color
RYB	191, 172, 161
Decimal	12560801
CIELab	70.89, 6.64, 7.03
CIELCh	71, 9.674, 46.647
Yxy	42.0255, 0.3403, 0.3396
Android (android.graphics.Color)	4290750881 (0xFFBFA9A1)
YUV	174.6660, -6.7373, 14.3249
Hunter-Lab	64.8271, 2.4928, 9.1515

Details

The XYZ color **42.1068, 42.0255, 39.6107** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.0351, 45.2045, 55.8530**, and the grayscale version is **40.6039, 42.7185, 46.5204**.

A 20% lighter version of the original color is **77.7617, 78.2256, 75.9663**, and **19.4923, 19.1667, 17.4240** is the 20% darker color. If you saturate the color by 10%, you get **38.0824, 36.4693, 30.5845**, and if you desaturate by 10%, it is **46.6699, 48.2466, 50.0869**.

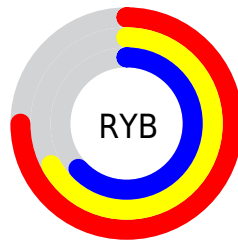
Distribution



Red (75%)

Green (66%)

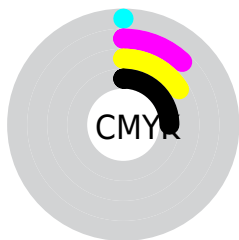
Blue (63%)



Red (75%)

Yellow (67%)

Blue (63%)

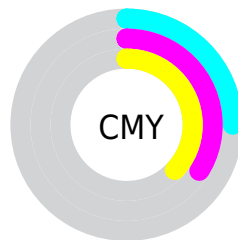


Cyan (0%)

Magenta (12%)

Yellow (16%)

Black (25%)



Cyan (25%)


Magenta (34%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.1068, 42.0255, 39.6107 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 42.1068, 42.0255, 39.6107 by changing the saturation by 10% instead.


 42.1068, 42.0255,
39.6107


 42.1068, 42.0255,
39.6107


345.9096,
354.5886, 359.9832

 29.3764, 29.1213,
26.9237


 77.6254, 78.2382,
75.8009

 19.5115, 19.1726,
17.2840


 101.1443,
102.3155, 100.1412

 12.1466, 11.7950,
10.2731


128.9901,
130.8859, 129.2030

 6.9165, 6.6043,
5.4724

161.5281,
164.3338, 163.4048

 3.4558, 3.2159,
2.4635

199.1237,
203.0436, 203.1652

 1.3991, 1.2454,
0.8207

242.1422,

 0.2556, 0.0984,

247.3998, 248.9027

0.0000

290.9491,
297.7867, 301.0358

■ 0.0000, 0.0000,
0.0000

■ 42.1068, 42.0255,
39.6107

■ 42.1068, 42.0255,
39.6107

■ 38.0824, 36.4693,
30.5845

■ 46.6699, 48.2466,
50.0869

■ 34.5730, 31.5501,
22.9413

■ 51.7875, 55.1479,
62.0706

■ 31.5578, 27.2464,
16.6131

■ 57.4790, 62.7515,
75.6195

■ 29.0136, 23.5334,
11.5247

■ 63.7620, 71.0767,
90.7872

■ 26.9149, 20.3844,
7.5935

■ 70.4102, 80.0449,
106.3469

■ 25.2339, 17.7705,
4.7265

■ 74.6710, 88.5665,
107.7672

■ 23.9389, 15.6602,
2.8163

■ 75.2960, 89.8164,
107.9755

■ 22.9925, 14.0177,
1.7293

■ 22.6679, 13.4403,
1.3995

Harmonies

Analogous

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



42.9836, 42.0255, 43.2658



42.1068, 42.0255, 39.6107



40.6631, 42.0255, 37.6641

Triad

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



42.1068, 42.0255, 39.6107



37.0074, 42.0255, 43.7416



40.8373, 42.0255, 54.7882

Complementary

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



42.1068, 42.0255, 39.6107



41.0351, 45.2045, 55.8530

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.



39.2334, 42.0255, 54.9370



42.1068, 42.0255, 39.6107



37.0512, 42.0255, 48.3454

Square

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



42.1068, 42.0255, 39.6107



37.7353, 42.0255, 39.9388



37.8565, 42.0255, 52.5119



42.2372, 42.0255, 52.1180

Rectangle

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



42.1068, 42.0255, 39.6107



39.5868, 42.0255, 37.5062



37.8565, 42.0255, 52.5119



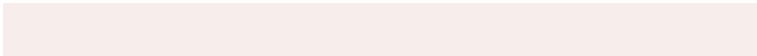
40.3033, 42.0255, 55.1406

Sweetspot

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



42.1079, 42.0274, 39.6116



84.1309, 87.1484, 90.9712



42.7784, 39.9855, 50.2634



18.3386, 18.9530, 19.6614



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.



42.1079, 42.0274, 39.6116



72.7150, 71.5586, 64.8401



45.0597, 47.9309, 40.5955



9.7317, 9.9393, 9.9822



14.9546, 8.9479, 0.9389



0.6417, 0.4624, 0.0554

Inverse Universe

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



41.0351, 45.2045, 55.8530



70.4110, 78.3741, 99.6958



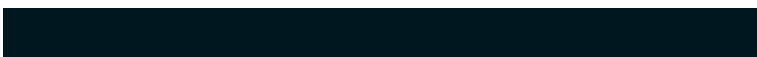
38.1051, 39.3445, 54.8763



9.5874, 10.3671, 12.1680



12.4164, 14.9445, 34.6231



0.5374, 0.6875, 1.3732

Previews

White Background



This preview shows how the XYZ color 42.1068, 42.0255, 39.6107 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 42.1068, 42.0255, 39.6107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

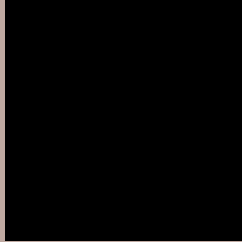
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.1068, 42.0255, 39.6107

Background



This preview shows how black text looks on a background with the XYZ color 42.1068, 42.0255, 39.6107.



This preview shows how white text looks on a background with the XYZ color 42.1068, 42.0255,

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

42.1068, 42.0255, 39.6107

Protanopia

40.1448, 42.1152, 40.6635

Deuteranopia

42.9413, 42.1806, 39.5966



Tritanopia

43.7652, 41.8646, 48.4218

Trichromacy



Original Color

42.1068, 42.0255, 39.6107

Protanomaly

40.8026, 42.1810, 40.1736

Deuteranomaly

42.6838, 42.0478, 39.5846

Tritanomaly

43.0033, 41.8225, 44.8357

Monochromacy



Original Color

42.1068, 42.0255, 39.6107

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.2553, 42.6132, 44.0810

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.1068, 42.0255, 39.6107 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(191, 169, 161)` looks like.

```
.text, #text, p{  
    color:rgb(191, 169, 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(191, 169, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 169, 161) }
```

Border

The CSS property to change the border of an element to XYZ 42.1068, 42.0255, 39.6107 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(191, 169, 161) }
```


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

```
.border{ border-color:rgb(191, 169, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 169, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 169, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 169, 161);  
box-shadow:4px 4px 4px 4px rgb(191, 169,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 42.1068, 42.0255, 39.6107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 169, 161) }
```

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

```
.background{ background-color: rgb(191,  
169, 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