

Converting Colors

XYZ(42.0559, 41.2104, 38.0856)

Have a look what the booklet for
XYZ(42.0559, 41.2104, 38.0856)
contains.

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Color

**XYZ(42.0559, 41.2104,
38.0856)**

Conversions

Conversions Part 1

Format	Color
Hex	C2A69E
RGB	194, 166, 158
RGB Percent	76%, 65%, 62%
CMY	0.2392, 0.3490, 0.3804
CMYK	0.00, 0.14, 0.19, 0.24
HSL	13°, 23%, 69%
HSV	13°, 19%, 76%
XYZ	42.0559, 41.2104, 38.0856
YIQ	173.4600, 19.2560, 3.4480

Conversions

Conversions Part 2

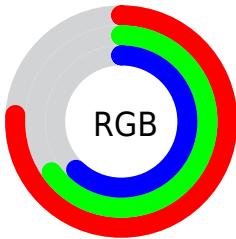
Format	Color
RYB	194, 168, 158
Decimal	12756638
CIELab	70.32, 8.92, 7.92
CIELCh	70, 11.929, 41.572
Yxy	41.2104, 0.3466, 0.3396
Android (android.graphics.Color)	4290946718 (0xFFC2A69E)
YUV	173.4600, -7.6218, 18.0136
Hunter-Lab	64.1953, 4.5978, 9.7613

Details

The XYZ color **42.0559, 41.2104, 38.0856** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.3967, 46.2808, 57.7905**, and the grayscale version is **39.9871, 42.0696, 45.8138**.

A 20% lighter version of the original color is **77.6504, 77.0262, 73.7257**, and **19.4864, 18.6716, 16.4869** is the 20% darker color. If you saturate the color by 10%, you get **37.9328, 35.4286, 29.1128**, and if you desaturate by 10%, it is **46.7667, 47.7448, 48.5558**.

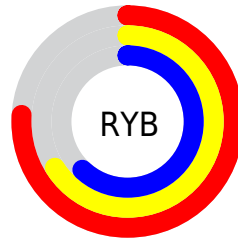
Distribution



Red (76%)

Green (65%)

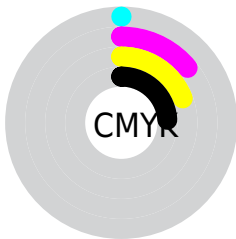
Blue (62%)



Red (76%)

Yellow (66%)

Blue (62%)

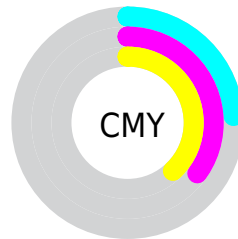


Cyan (0%)

Magenta (14%)

Yellow (19%)

Black (24%)



Cyan (24%)


Magenta (35%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.0559, 41.2104, 38.0856 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 42.0559, 41.2104, 38.0856 by changing the saturation by 10% instead.


 42.0559, 41.2104,
38.0856


 42.0559, 41.2104,
38.0856


345.7023,
351.1992, 353.2962

 29.3364, 28.4835,
25.7468


 77.5489, 77.0032,
73.4442

 19.4810, 18.6905,
16.4102


 101.0530,
100.8379, 97.3011

 12.1244, 11.4468,
9.6574


128.8827,
129.1440, 125.8344

 6.9013, 6.3682,
5.0698

161.4033,
162.3059, 159.4626

 3.4462, 3.0703,
2.2288

198.9802,
200.7079, 198.6044

 1.3939, 1.1685,
0.6909

241.9788,

 0.2519, 0.0358,

244.7346, 243.6782

0.0000

290.7644,
294.7702, 295.1027

■ 0.0000, 0.0000,
0.0000

■ 42.0559, 41.2104,
38.0856

■ 42.0559, 41.2104,
38.0856

■ 37.9328, 35.4286,
29.1128

■ 46.7667, 47.7448,
48.5558

■ 34.3705, 30.3669,
21.5661

■ 52.0838, 55.0520,
60.5851

■ 31.3452, 25.9983,
15.3723

■ 58.0293, 63.1583,
74.2347

■ 28.8299, 22.2921,
10.4507

■ 64.6231, 72.0870,
89.5619

■ 26.7950, 19.2152,
6.7117

■ 71.8838, 81.8605,
106.6197

■ 25.2080, 16.7317,
4.0542

■ 76.0583, 90.2094,
108.0112

■ 24.0317, 14.8015,
2.3596

■ 23.2138, 13.3760,
1.4388

■ 23.1169, 13.2067,
1.3308

Harmonies

Analogous

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



42.9772, 41.2104, 42.7414



42.0559, 41.2104, 38.0856



40.3723, 41.2104, 35.3934

Triad

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



42.0559, 41.2104, 38.0856



35.7026, 41.2104, 41.5460



39.9299, 41.2104, 56.2932

Complementary

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



42.0559, 41.2104, 38.0856



41.3967, 46.2808, 57.7905

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.



37.9903, 41.2104, 55.9056



42.0559, 41.2104, 38.0856



35.5931, 41.2104, 47.0705

Square

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



42.0559, 41.2104, 38.0856



36.7221, 41.2104, 37.2735



36.4178, 41.2104, 52.4182



41.7227, 41.2104, 53.4368

Rectangle

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



42.0559, 41.2104, 38.0856



39.0660, 41.2104, 34.9266



36.4178, 41.2104, 52.4182



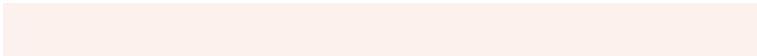
39.2727, 41.2104, 56.5439

Sweetspot

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



42.0570, 41.2123, 38.0865



86.9963, 89.6274, 93.0677



43.3596, 39.4773, 51.9009



18.9153, 19.4401, 20.0746



0.0000, 0.0000, 0.0000



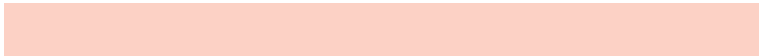
20.3446, 21.4041, 23.3091

Same Dimension

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



42.0570, 41.2123, 38.0865



73.2399, 70.5347, 62.5243



45.5190, 48.1363, 39.2405



10.2508, 10.4330, 10.5354



15.2498, 8.7854, 0.8920



0.7120, 0.4858, 0.0562

Inverse Universe

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



41.3967, 46.2808, 57.7905



71.8350, 81.2956, 104.3753



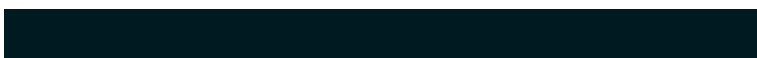
37.8783, 39.2439, 56.6176



10.1725, 11.0362, 12.8789



13.7274, 17.2113, 36.1552



0.6412, 0.8397, 1.5782

Previews

White Background



This preview shows how the XYZ color 42.0559, 41.2104, 38.0856 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 42.0559, 41.2104, 38.0856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

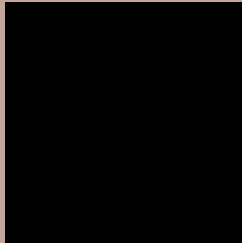
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.0559, 41.2104, 38.0856

Background



This preview shows how black text looks on a background with the XYZ color 42.0559, 41.2104, 38.0856.



This preview shows how white text looks on a background with the XYZ color 42.0559, 41.2104,

38.0856.

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

42.0559, 41.2104, 38.0856

Protanopia

39.3560, 41.1640, 39.5894

Deuteranopia

42.0559, 41.2104, 38.0856



Tritanopia

43.6986, 41.0647, 46.6974

Trichromacy



Original Color

42.0559, 41.2104, 38.0856

Protanomaly

40.3003, 41.1043, 39.0676

Deuteranomaly

42.0559, 41.2104, 38.0856

Tritanomaly

42.9426, 41.0176, 43.1900

Monochromacy



Original Color

42.0559, 41.2104, 38.0856

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.4987, 41.4004, 42.9023

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.0559, 41.2104, 38.0856 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(194, 166, 158)` looks like.

```
.text, #text, p{  
    color:rgb(194, 166, 158)  
}
```

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(194, 166, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 166, 158) }
```

Border

The CSS property to change the border of an element to XYZ 42.0559, 41.2104, 38.0856 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(194, 166, 158) }
```


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

```
.border{ border-color:rgb(194, 166, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 166, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 166, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 166, 158);  
box-shadow:4px 4px 4px 4px rgb(194, 166,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 42.0559, 41.2104, 38.0856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 166, 158) }
```

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

```
.background{ background-color: rgb(194,  
166, 158) }
```

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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