

Converting Colors

XYZ(43.5903, 42.4634, 38.4620)

Have a look what the booklet for
XYZ(43.5903, 42.4634, 38.4620)
contains.

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Color

**XYZ(43.7274, 42.6160,
38.2688)**

Conversions

Conversions Part 1

Format	Color
Hex	C7A89E
RGB	199, 168, 158
RGB Percent	78%, 66%, 62%
CMY	0.2196, 0.3412, 0.3804
CMYK	0.00, 0.16, 0.21, 0.22
HSL	15°, 27%, 70%
HSV	15°, 21%, 78%
XYZ	43.7274, 42.6160, 38.2688
YIQ	176.1290, 21.6860, 3.4620

Conversions

Conversions Part 2

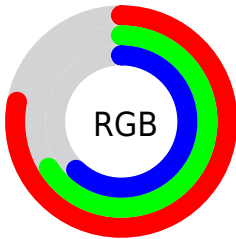
Format	Color
R_{YB}	199, 171, 158
Decimal	13084830
CIE Lab	71.29, 9.72, 9.36
CIE LCh	71, 13.499, 43.919
Yxy	42.6160, 0.3509, 0.3420
Android (android.graphics.Color)	4291274910 (0xFFC7A89E)
YUV	176.1290, -8.9376, 20.0579
Hunter-Lab	65.2809, 5.3238, 10.9398

Details

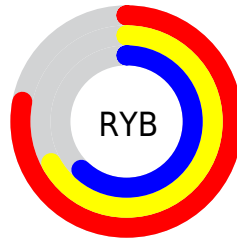
The XYZ color **43.7274, 42.6160, 38.2688** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.6066, 47.7867, 61.0113**, and the grayscale version is **41.3723, 43.5269, 47.4008**.

A 20% lighter version of the original color is **79.6379, 78.8394, 73.9710**, and **20.5763, 19.5721, 16.6032** is the 20% darker color. If you saturate the color by 10%, you get **39.5329, 36.7496, 29.0930**, and if you desaturate by 10%, it is **48.5230, 49.2400, 49.0144**.

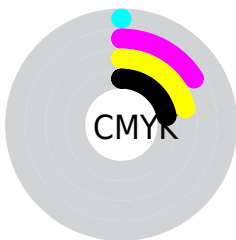
Distribution



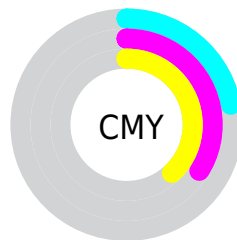
- Red (78%)
- Green (66%)
- Blue (62%)



- Red (78%)
- Yellow (67%)
- Blue (62%)



- Cyan (0%)
- Magenta (16%)
- Yellow (21%)
- Black (22%)





- Cyan (22%)
- Magenta (34%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.7274, 42.6160, 38.2688 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 43.7274, 42.6160, 38.2688 by changing the saturation by 10% instead.


 43.7274, 42.6160,
38.2688


 43.7274, 42.6160,
38.2688


352.4657,
357.0302, 354.1043

 30.6532, 29.5839,
25.8879


 80.0563, 79.1311,
73.7279

 20.4855, 19.5230,
16.5148

 104.0417,
103.3829, 97.6433

 12.8587, 12.0488,
9.7309


132.3950,
132.1434, 126.2405

 7.4077, 6.7769,
5.1176

165.4814,
165.7970, 159.9382

 3.7669, 3.3230,
2.2565

203.6663,
204.7280, 199.1549

 1.5711, 1.3026,
0.7067

247.3151,

 0.3735, 0.1432,

249.3210, 244.3092

0.0000

296.7931,
299.9603, 295.8195

■ 0.0000, 0.0000,
0.0000

■ 43.7274, 42.6160,
38.2688

■ 43.7274, 42.6160,
38.2688

■ 39.5329, 36.7496,
29.0930

■ 48.5230, 49.2400,
49.0144

■ 35.9117, 31.6078,
21.4105

■ 53.9391, 56.6414,
61.3961

■ 32.8392, 27.1637,
15.1423

■ 59.9983, 64.8468,
75.4795

■ 30.2872, 23.3866,
10.2011

■ 66.7213, 73.8795,
91.3259

■ 28.2251, 20.2433,
6.4899

■ 73.7221, 83.5998,
106.8585

■ 26.6187, 17.6976,
3.8980

■ 77.3633, 90.8822,
108.0723

■ 25.4289, 15.7093,
2.2947

■ 24.6331, 14.3018,
1.4622

Harmonies

Analogous

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



44.8859, 42.6160, 43.4626



43.7274, 42.6160, 38.2688



41.7249, 42.6160, 35.4089

Triad

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



43.7274, 42.6160, 38.2688



36.4590, 42.6160, 43.0283



41.5630, 42.6160, 59.6062

Complementary

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



43.7274, 42.6160, 38.2688



42.6066, 47.7867, 61.0113

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.



39.3096, 42.6160, 59.4621



43.7274, 42.6160, 38.2688



36.4193, 42.6160, 49.4702

Square

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



43.7274, 42.6160, 38.2688



37.5559, 42.6160, 37.9765



37.4454, 42.6160, 55.6119



43.6051, 42.6160, 55.9888

Rectangle

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



43.7274, 42.6160, 38.2688



40.2080, 42.6160, 35.0266



37.4454, 42.6160, 55.6119



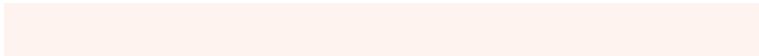
40.8039, 42.6160, 60.0058

Sweetspot

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



43.7286, 42.6179, 38.2697



89.1040, 91.8942, 95.2457



45.0129, 40.2894, 53.7957



18.9387, 19.4869, 20.0824



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.



43.7286, 42.6179, 38.2697



72.9370, 69.5636, 59.0175



47.7227, 50.6061, 39.6011



10.8406, 11.0503, 11.1243



15.8980, 9.3131, 0.9597



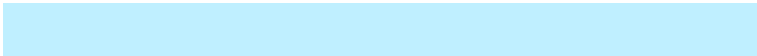
0.8117, 0.5588, 0.0651

Inverse Universe

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



42.6066, 47.7867, 61.0113



70.5959, 80.3229, 106.3908



38.5855, 39.7443, 59.6710



10.7190, 11.6121, 13.5939



13.7590, 16.9120, 37.2835



0.7056, 0.9089, 1.7834

Previews

White Background



This preview shows how the XYZ color 43.7274, 42.6160, 38.2688 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 43.7274, 42.6160, 38.2688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

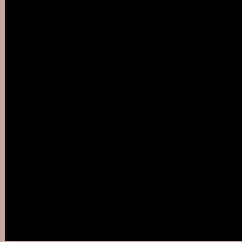
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.7274, 42.6160, 38.2688

Background



This preview shows how black text looks on a background with the XYZ color 43.7274, 42.6160, 38.2688.



This preview shows how white text looks on a background with the XYZ color 43.7274, 42.6160,

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

43.7274, 42.6160, 38.2688

Protanopia

40.6251, 42.6691, 39.8130

Deuteranopia

43.4629, 42.4797, 38.2564



Tritanopia

45.5784, 42.5421, 47.9287

Trichromacy



Original Color

43.7274, 42.6160, 38.2688

Protanomaly

41.8367, 42.7345, 39.3013

Deuteranomaly

43.4629, 42.4797, 38.2564

Tritanomaly

44.8063, 42.4921, 44.3683

Monochromacy



Original Color

43.7274, 42.6160, 38.2688

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.8722, 42.9421, 43.6179

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7274, 42.6160, 38.2688 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(199, 168, 158)` looks like.

```
.text, #text, p{  
    color:rgb(199, 168, 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(199, 168, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 168, 158) }
```

Border

The CSS property to change the border of an element to XYZ 43.7274, 42.6160, 38.2688 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(199, 168, 158) }
```


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

```
.border{ border-color:rgb(199, 168, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 168, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 168, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 168, 158);  
box-shadow:4px 4px 4px 4px rgb(199, 168,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7274, 42.6160, 38.2688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 168, 158) }
```

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

```
.background{ background-color: rgb(199,  
168, 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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