

Converting Colors

XYZ(47.4411, 47.4399, 38.6969)

Have a look what the booklet for
XYZ(47.4411, 47.4399, 38.6969)
contains.

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Color

**XYZ(47.4598, 47.3969,
38.5454)**

Conversions

Conversions Part 1

Format	Color
Hex	CEB29D
RGB	206, 178, 157
RGB Percent	81%, 70%, 62%
CMY	0.1922, 0.3019, 0.3843
CMYK	0.00, 0.14, 0.24, 0.19
HSL	26°, 33%, 71%
HSV	26°, 24%, 81%
XYZ	47.4598, 47.3969, 38.5454
YIQ	183.9780, 23.4290, -0.5950

Conversions

Conversions Part 2

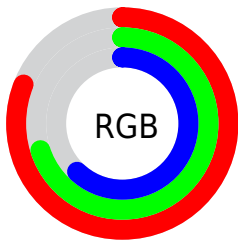
Format	Color
RYB	206, 194, 157
Decimal	13546141
CIELab	74.44, 6.83, 14.45
CIElCh	74, 15.988, 64.699
Yxy	47.3969, 0.3558, 0.3553
Android (android.graphics.Color)	4291736221 (0xFFCEB29D)
YUV	183.9780, -13.3002, 19.3133
Hunter-Lab	68.8454, 2.5727, 14.9963

Details

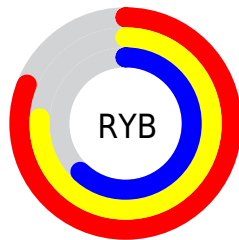
The XYZ color **47.4598, 47.3969, 38.5454** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.3938, 46.3211, 65.0993**, and the grayscale version is **45.6109, 47.9862, 52.2570**.

A 20% lighter version of the original color is **82.5465, 84.8591, 74.3161**, and **22.6976, 22.2871, 16.7412** is the 20% darker color. If you saturate the color by 10%, you get **43.6053, 42.2690, 29.3029**, and if you desaturate by 10%, it is **51.8144, 53.0497, 49.4187**.

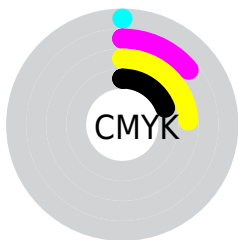
Distribution



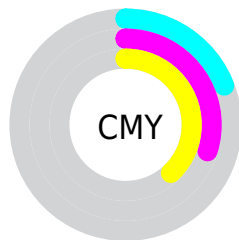
- Red (81%)
- Green (70%)
- Blue (62%)



- Red (81%)
- Yellow (76%)
- Blue (62%)



- Cyan (0%)
- Magenta (14%)
- Yellow (24%)
- Black (19%)





- Cyan (19%)
- Magenta (30%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.4598, 47.3969, 38.5454 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 47.4598, 47.3969, 38.5454 by changing the saturation by 10% instead.


 47.4598, 47.3969,
38.5454


 47.4598, 47.3969,
38.5454


367.2652,
376.3966, 355.3219

 33.6088, 33.3495,
26.1012


 85.6141, 86.3058,
74.1560

 22.7547, 22.3943,
16.6729

 110.6481,
111.9361, 98.1594

 14.5322, 14.1469,
9.8421


140.1405,
142.1961, 126.8530

 8.5759, 8.2229,
5.1901

174.4566,
177.4703, 160.6553

 4.5205, 4.2379,
2.2986

213.9617,
218.1431, 199.9847

 2.0006, 1.8075,
0.7304

259.0213,

 0.6343, 0.4919,

264.5988, 245.2600

0.0000

310.0007,
317.2218, 296.8995

■ 0.0000, 0.0000,
0.0000

■ 47.4598, 47.3969,
38.5454

■ 47.4598, 47.3969,
38.5454

■ 43.6053, 42.2690,
29.3029

■ 51.8144, 53.0497,
49.4187

■ 40.2272, 37.6434,
21.6082

■ 56.6839, 59.2360,
61.9942

■ 37.3053, 33.5055,
15.3755

■ 62.0872, 65.9727,
76.3426

■ 34.8165, 29.8372,
10.5094

■ 68.0411, 73.2735,
92.5298

■ 32.7351, 26.6191,
6.9029

■ 73.7456, 80.8256,
106.3218

■ 31.0320, 23.8301,
4.4326

■ 77.2632, 87.8608,
107.4944

■ 29.6731, 21.4464,
2.9497

■ 79.2637, 91.8619,
108.1612

■ 28.9684, 20.1512,
2.3628

Harmonies

Analogous

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



49.7615, 47.3969, 43.0880



47.4598, 47.3969, 38.5454



44.5968, 47.3969, 37.3485

Triad

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



47.4598, 47.3969, 38.5454



39.7481, 47.3969, 52.9186



48.2788, 47.3969, 65.7885

Complementary

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



47.4598, 47.3969, 38.5454



42.3938, 46.3211, 65.0993

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.



45.5050, 47.3969, 69.0989



47.4598, 47.3969, 38.5454



40.6444, 47.3969, 61.1812

Square

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



47.4598, 47.3969, 38.5454



40.2219, 47.3969, 45.1163



42.7219, 47.3969, 67.3294



50.2483, 47.3969, 58.6926

Rectangle

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



47.4598, 47.3969, 38.5454



42.7728, 47.3969, 38.4875



42.7219, 47.3969, 67.3294



47.4053, 47.3969, 67.4135

Sweetspot

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



47.4611, 47.3991, 38.5464



89.1404, 92.5680, 93.4049



46.3297, 40.7638, 51.6493



18.9750, 19.6807, 19.7209



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.



47.4611, 47.3991, 38.5464



73.3168, 72.0606, 53.7878



52.6408, 57.7585, 40.2730



11.6011, 11.9912, 11.7825



17.9299, 12.5928, 1.4856



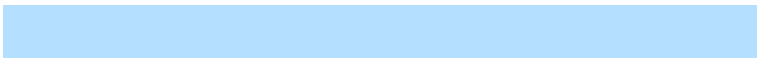
0.9998, 0.7993, 0.1016

Inverse Universe

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



42.3938, 46.3211, 65.0993



63.5860, 69.9862, 104.7651



37.8052, 37.1438, 63.5698



11.1249, 11.8902, 14.2791



10.9253, 10.8746, 37.4795



0.6380, 0.7098, 1.9583

Previews

White Background



This preview shows how the XYZ color 47.4598, 47.3969, 38.5454 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 47.4598, 47.3969, 38.5454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

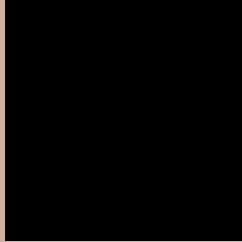
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.4598, 47.3969, 38.5454

Background



This preview shows how black text looks on a background with the XYZ color 47.4598, 47.3969, 38.5454.



This preview shows how white text looks on a background with the XYZ color 47.4598, 47.3969,

38.5454.

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

47.4598, 47.3969, 38.5454

Protanopia

44.9297, 47.5766, 39.6160

Deuteranopia

48.1895, 47.1866, 38.4664



Tritanopia

50.6840, 47.5616, 53.5227

Trichromacy



Original Color

47.4598, 47.3969, 38.5454

Protanomaly

45.7214, 47.3867, 39.0845

Deuteranomaly

48.1024, 47.4339, 38.5187

Tritanomaly

49.4609, 47.3498, 47.6069

Monochromacy



Original Color

47.4598, 47.3969, 38.5454

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

46.1062, 47.7184, 46.8249

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.4598, 47.3969, 38.5454 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(206, 178, 157) looks like.

```
.text, #text, p{  
    color:rgb(206, 178, 157)  
}
```

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(206, 178, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 178, 157) }
```

Border

The CSS property to change the border of an element to XYZ 47.4598, 47.3969, 38.5454 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(206, 178, 157) }
```


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

```
.border{ border-color:rgb(206, 178, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 178, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 178, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 178, 157);  
box-shadow:4px 4px 4px 4px rgb(206, 178,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 47.4598, 47.3969, 38.5454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 178, 157) }
```

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

```
.background{ background-color: rgb(206,  
178, 157) }
```

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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