

Converting Colors

XYZ(38.4007, 44.4447, 28.7450)

Have a look what the booklet for
XYZ(38.4007, 44.4447, 28.7450)
contains.

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Color

**XYZ(38.4007, 44.4447,
28.7450)**

Conversions

Conversions Part 1

Format	Color
Hex	ADB785
RGB	173, 183, 133
RGB Percent	68%, 72%, 52%
CMY	0.3216, 0.2823, 0.4784
CMYK	0.05, 0.00, 0.27, 0.28
HSL	72°, 26%, 62%
HSV	72°, 27%, 72%
XYZ	38.4007, 44.4447, 28.7450
YIQ	174.3100, 10.0900, -17.6700

Conversions

Conversions Part 2

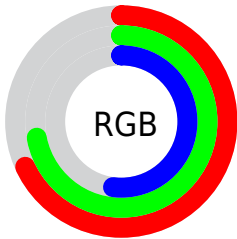
Format	Color
RYB	133, 183, 143
Decimal	11384709
CIELab	72.52, -11.94, 24.33
CIELCh	73, 27.100, 116.141
Yxy	44.4447, 0.3441, 0.3983
Android (android.graphics.Color)	4289574789 (0xFFADB785)
YUV	174.3100, -20.3658, -1.1489
Hunter-Lab	66.6669, -13.8494, 21.1025

Details

The XYZ color **38.4007, 44.4447, 28.7450** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **28.2642, 26.0348, 48.3378**, and the grayscale version is **40.4904, 42.5990, 46.3904**.

A 20% lighter version of the original color is **72.0425, 81.9362, 58.4726**, and **17.2897, 20.5829, 11.2452** is the 20% darker color. If you saturate the color by 10%, you get **36.4468, 43.5724, 22.6190**, and if you desaturate by 10%, it is **40.5994, 45.4205, 36.0342**.

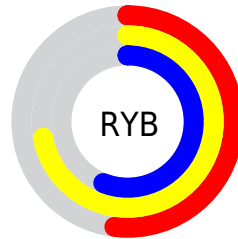
Distribution



Red (68%)

Green (72%)

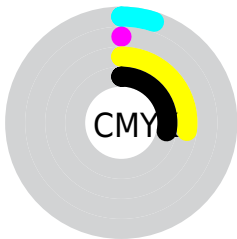
Blue (52%)



Red (52%)

Yellow (72%)

Blue (56%)

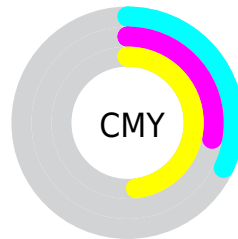


Cyan (5%)

Magenta (0%)

Yellow (27%)

Black (28%)



Cyan (32%)

Magenta (28%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.4007, 44.4447, 28.7450 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 38.4007, 44.4447, 28.7450 by changing the saturation by 10% instead.

■ 38.4007, 44.4447,
28.7450

■ 38.4007, 44.4447,
28.7450

330.5870,
364.5199, 310.0331

■ 26.4725, 31.0203,
18.6441

■ 72.0218, 81.8865,
58.7090

■ 17.3120, 20.6143,
11.2392

■ 94.4454, 106.6726,
79.4092

■ 10.5538, 12.8423,
6.1118

■ 121.0982,
136.0148, 104.4796

■ 5.8327, 7.3201,
2.8433

152.3455,
170.2974, 134.3387

■ 2.7833, 3.6631,
1.0152

188.5527,
209.9048, 169.4051

■ 1.0402, 1.4869,
0.0000

230.0851,

■ 0.0000, 0.2795,

255.2214, 210.0972

0.0000

277.3080,
306.6317, 256.8337

■ 0.0000, 0.0000,
0.0000

■ 38.4007, 44.4447,
28.7450

■ 38.4007, 44.4447,
28.7450

■ 36.4468, 43.5724,
22.6190

■ 40.5994, 45.4205,
36.0342

■ 34.7226, 42.7930,
17.5931

■ 43.0503, 46.4983,
44.5394

■ 33.2167, 42.1034,
13.6026

■ 45.7646, 47.6840,
54.3140

■ 31.9151, 41.4981,
10.5751

■ 48.7517, 48.9815,
65.4071

■ 30.8022, 40.9707,
8.4285

■ 52.0208, 50.3944,
77.8652

■ 29.8594, 40.5139,
7.0673

■ 55.5803, 51.9261,
91.7326

■ 29.0604, 40.1169,
6.3524

■ 58.4397, 53.1805,
101.7925

■ 28.8580, 40.0157,
6.2028

■ 59.4207, 53.6862,
101.8384

■ 60.4252, 54.2041,
101.8854

Harmonies

Analogous

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



42.8520, 44.4447, 26.9614



38.4007, 44.4447, 28.7450



35.2014, 44.4447, 35.4050

Triad

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



38.4007, 44.4447, 28.7450



37.4245, 44.4447, 73.1091



51.8748, 44.4447, 50.1484

Complementary

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



38.4007, 44.4447, 28.7450



28.2642, 26.0348, 48.3378

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.



50.1669, 44.4447, 64.2218



38.4007, 44.4447, 28.7450



41.6405, 44.4447, 78.9360

Square

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



38.4007, 44.4447, 28.7450



34.6677, 44.4447, 60.6610



46.3342, 44.4447, 75.4171



50.8493, 44.4447, 37.9012

Rectangle

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



38.4007, 44.4447, 28.7450



34.0936, 44.4447, 42.4772



46.3342, 44.4447, 75.4171



51.5982, 44.4447, 54.8334

Sweetspot

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



38.4018, 44.4467, 28.7459



76.7259, 83.1099, 78.4498



33.5861, 31.4069, 26.4828



16.7951, 18.2900, 16.7949



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.



38.4018, 44.4467, 28.7459



66.5450, 78.6042, 44.4159



33.3814, 41.8585, 28.5110



9.5694, 10.4102, 9.6119



20.1873, 27.9432, 4.3296



0.7571, 1.0085, 0.1548

Inverse Universe

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



28.2642, 26.0348, 48.3378



45.2653, 39.9436, 85.5599



33.0847, 28.5198, 48.5634



8.6845, 8.8037, 11.3210



6.5315, 2.6783, 31.4258



0.2804, 0.1203, 1.1102

Previews

White Background



This preview shows how the XYZ color 38.4007, 44.4447, 28.7450 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 38.4007, 44.4447, 28.7450 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 38.4007, 44.4447, 28.7450

Background



This preview shows how black text looks on a background with the XYZ color 38.4007, 44.4447, 28.7450.



This preview shows how white text looks on a background with the XYZ color 38.4007, 44.4447,

28.7450.

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

38.4007, 44.4447, 28.7450

Protanopia

41.5030, 44.5558, 27.8854

Deuteranopia

45.1132, 44.0823, 29.4236



Tritanopia

43.8757, 44.5921, 55.0098

Trichromacy



Original Color

38.4007, 44.4447, 28.7450

Protanomaly

40.2533, 44.4988, 28.2973

Deuteranomaly

42.4681, 44.1450, 29.2042

Tritanomaly

41.6416, 44.5697, 43.9442

Monochromacy



Original Color

38.4007, 44.4447, 28.7450

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

39.4357, 42.9462, 39.0118

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.4007, 44.4447, 28.7450 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(173, 183, 133)` looks like.

```
.text, #text, p{  
    color:rgb(173, 183, 133)  
}
```

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(173, 183, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 183, 133) }
```

Border

The CSS property to change the border of an element to XYZ 38.4007, 44.4447, 28.7450 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(173, 183, 133) }
```


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

```
.border{ border-color:rgb(173, 183, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 183, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 183, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 183, 133);  
box-shadow:4px 4px 4px 4px rgb(173, 183,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 38.4007, 44.4447, 28.7450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 183, 133) }
```

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

```
.background{ background-color: rgb(173,  
183, 133) }
```

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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