

Converting Colors

XYZ(43.7439, 38.7738, 28.4723)

Have a look what the booklet for
XYZ(43.7439, 38.7738, 28.4723)
contains.

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Color

**XYZ(43.6965, 38.6811,
28.4557)**

Conversions

Conversions Part 1

Format	Color
Hex	D79888
RGB	215, 152, 136
RGB Percent	84%, 60%, 53%
CMY	0.1569, 0.4039, 0.4667
CMYK	0.00, 0.29, 0.37, 0.16
HSL	12°, 50%, 69%
HSV	12°, 37%, 84%
XYZ	43.6965, 38.6811, 28.4557
YIQ	169.0130, 42.6840, 8.3800

Conversions

Conversions Part 2

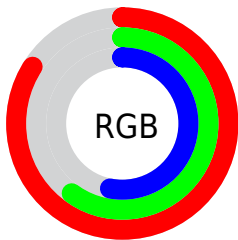
Format	Color
R _Y B	215, 156, 136
Decimal	14129288
CIE Lab	68.52, 21.59, 17.85
CIE LCh	69, 28.016, 39.590
Yxy	38.6811, 0.3943, 0.3490
Android (android.graphics.Color)	4292319368 (0xFFD79888)
YUV	169.0130, -16.2754, 40.3306
Hunter-Lab	62.1941, 16.5712, 16.4089

Details

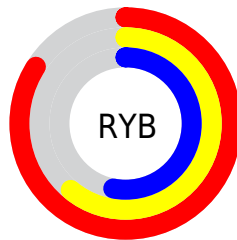
The XYZ color **43.6965, 38.6811, 28.4557** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.8417, 50.9855, 71.8732**, and the grayscale version is **37.7825, 39.7502, 43.2879**.

A 20% lighter version of the original color is **72.7381, 69.5598, 57.7368**, and **20.4339, 17.2483, 11.0564** is the 20% darker color. If you saturate the color by 10%, you get **39.7348, 32.9627, 20.3378**, and if you desaturate by 10%, it is **48.3689, 45.3303, 38.3234**.

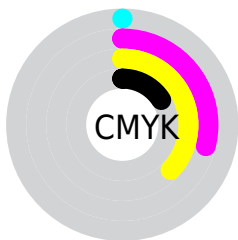
Distribution



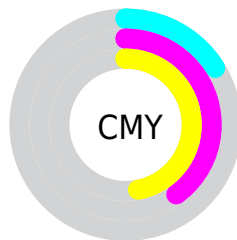
- Red (84%)
- Green (60%)
- Blue (53%)



- Red (84%)
- Yellow (61%)
- Blue (53%)



- Cyan (0%)
- Magenta (29%)
- Yellow (37%)
- Black (16%)





- Cyan (16%)
- Magenta (40%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.6965, 38.6811, 28.4557 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 43.6965, 38.6811, 28.4557 by changing the saturation by 10% instead.


 43.6965, 38.6811,
28.4557

 43.6965, 38.6811,
28.4557


352.3415,
340.5328, 308.6182


 30.6289, 26.5117,
18.4274


 80.0100, 73.1509,
58.2430

 20.4668, 17.2069,
11.0847


 103.9866, 96.2201,
78.8391

 12.8451, 10.3821,
6.0089


 132.3303,
123.6914, 103.7949

 7.3982, 5.6530,
2.7816

165.4063,
155.9492, 133.5289

 3.7609, 2.6353,
0.9842

203.5801,
193.3778, 168.4598

 1.5678, 0.9444,
0.0000

247.2170,

 0.3713, 0.0000,

236.3617, 209.0059

0.0000

296.6823,
285.2852, 255.5859

■ 0.0000, 0.0000,
0.0000

■ 43.6965, 38.6811,
28.4557

■ 43.6965, 38.6811,
28.4557

■ 39.7348, 32.9627,
20.3378

■ 48.3689, 45.3303,
38.3234

■ 36.4453, 28.1277,
13.8645

■ 53.7821, 52.9437,
50.0330

■ 33.7901, 24.1330,
8.9231


■ 59.9680, 61.5600,
63.6729


■ 31.7262, 20.9296,
5.3854


■ 66.9558, 71.2140,
79.3249


■ 30.2048, 18.4630,
3.1021

■ 74.7730, 81.9388,
97.0663

 29.1669, 16.6707,
1.8816

 81.7934, 93.1052,
108.2679

 28.9086, 16.2156,
1.6063

 81.8343, 93.1871,
108.2815

Harmonies

Analogous

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



45.7787, 38.6811, 38.1984



43.6965, 38.6811, 28.4557



39.8031, 38.6811, 23.2065

Triad

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



43.6965, 38.6811, 28.4557



29.3750, 38.6811, 34.2013



38.1965, 38.6811, 70.8963

Complementary

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



43.6965, 38.6811, 28.4557



42.8417, 50.9855, 71.8732

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.



33.8860, 38.6811, 69.2320



43.6965, 38.6811, 28.4557



29.0201, 38.6811, 46.2951

Square

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



43.6965, 38.6811, 28.4557



31.6204, 38.6811, 26.0341



30.6086, 38.6811, 59.5720



42.4399, 38.6811, 63.7468

Rectangle

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



43.6965, 38.6811, 28.4557



36.8259, 38.6811, 22.1970



30.6086, 38.6811, 59.5720



36.7046, 38.6811, 71.3769

Sweetspot

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



43.6975, 38.6830, 28.4565



84.1332, 84.8733, 84.5848



47.1608, 36.1886, 58.6543



17.7414, 17.7951, 17.5170



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.



43.6975, 38.6830, 28.4565



59.7338, 50.3391, 32.4753



51.1648, 53.6175, 30.9456



12.6250, 12.8242, 12.9706



17.3516, 9.8205, 0.9810



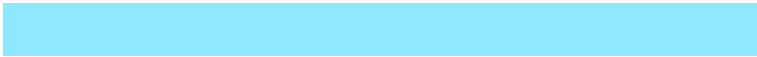
1.1063, 0.7118, 0.0791

Inverse Universe

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



42.8417, 50.9855, 71.8732



58.2756, 70.9069, 105.2227



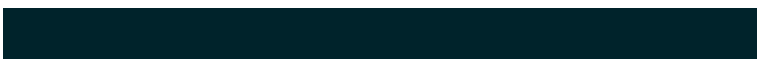
34.9383, 35.1787, 69.2387



12.5686, 13.6606, 15.9118



16.1741, 20.6099, 41.5788



1.0309, 1.3538, 2.5263

Previews

White Background



This preview shows how the XYZ color 43.6965, 38.6811, 28.4557 looks on a white background.

Color Contrast Check

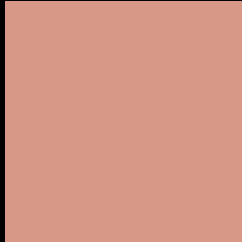
Large Text (above 18pt) WCAG AA × Fail

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 43.6965, 38.6811, 28.4557 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 43.6965, 38.6811, 28.4557

Background



This preview shows how black text looks on a background with the XYZ color 43.6965, 38.6811, 28.4557.



This preview shows how white text looks on a background with the XYZ color 43.6965, 38.6811,

28.4557.

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

43.6965, 38.6811, 28.4557

Protanopia

36.6811, 38.8507, 31.5522

Deuteranopia

39.5536, 38.8131, 27.9612



Tritanopia

45.7079, 38.7847, 38.3348

Trichromacy



Original Color

43.6965, 38.6811, 28.4557

Protanomaly

38.8892, 38.6813, 30.2275

Deuteranomaly

40.9572, 38.7595, 28.2443

Tritanomaly

44.8112, 38.6460, 34.3758

Monochromacy



Original Color

43.6965, 38.6811, 28.4557

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

39.4327, 39.0678, 37.3608

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6965, 38.6811, 28.4557 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(215, 152, 136) looks like.

```
.text, #text, p{  
    color:rgb(215, 152, 136)  
}
```

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(215, 152, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 152, 136) }
```

Border

The CSS property to change the border of an element to XYZ 43.6965, 38.6811, 28.4557 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(215, 152, 136) }
```


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

```
.border{ border-color:rgb(215, 152, 136) }
```

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

Here you see how a box with a 4 pixel rgb(215, 152, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 152, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 152, 136);  
box-shadow:4px 4px 4px 4px rgb(215, 152,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6965, 38.6811, 28.4557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 152, 136) }
```

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

```
.background{ background-color: rgb(215,  
152, 136) }
```

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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