

Converting Colors

XYZ(43.0190, 37.6494, 29.5708)

Have a look what the booklet for
XYZ(43.0190, 37.6494, 29.5708)
contains.

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Color

**XYZ(42.8482, 37.5051,
29.4070)**

Conversions

Conversions Part 1

Format	Color
Hex	D5958B
RGB	213, 149, 139
RGB Percent	84%, 58%, 55%
CMY	0.1647, 0.4157, 0.4549
CMYK	0.00, 0.30, 0.35, 0.16
HSL	8°, 47%, 69%
HSV	8°, 35%, 84%
XYZ	42.8482, 37.5051, 29.4070
YIQ	166.9960, 41.3540, 10.4580

Conversions

Conversions Part 2

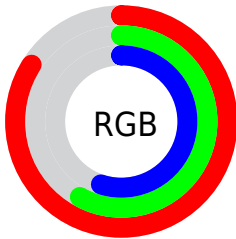
Format	Color
R _Y B	213, 151, 139
Decimal	13997451
CIE Lab	67.65, 22.81, 14.95
CIE LCh	68, 27.271, 33.251
Yxy	37.5051, 0.3904, 0.3417
Android (android.graphics.Color)	4292187531 (0xFFD5958B)
YUV	166.9960, -13.8020, 40.3455
Hunter-Lab	61.2414, 17.7170, 14.3990

Details

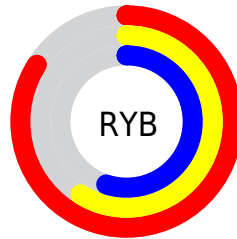
The XYZ color **42.8482, 37.5051, 29.4070** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.0128, 53.0030, 70.8617**, and the grayscale version is **36.7805, 38.6959, 42.1399**.

A 20% lighter version of the original color is **72.1104, 67.7776, 59.1509**, and **20.0755, 16.6247, 11.6020** is the 20% darker color. If you saturate the color by 10%, you get **38.7535, 31.5684, 21.0974**, and if you desaturate by 10%, it is **47.7090, 44.4885, 39.4687**.

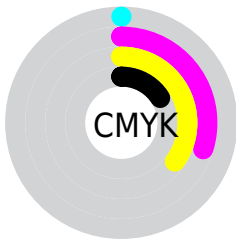
Distribution



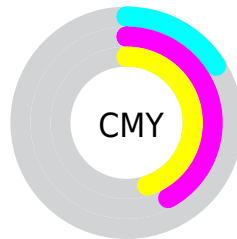
- Red (84%)
- Green (58%)
- Blue (55%)



- Red (84%)
- Yellow (59%)
- Blue (55%)



- Cyan (0%)
- Magenta (30%)
- Yellow (35%)
- Black (16%)





- Cyan (16%)
- Magenta (42%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.8482, 37.5051, 29.4070 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 42.8482, 37.5051, 29.4070 by changing the saturation by 10% instead.


 42.8482, 37.5051,
29.4070


 42.8482, 37.5051,
29.4070

348.9192,
335.4922, 313.2513


 29.9600, 25.5988,
19.1407


 78.7389, 71.3490,
59.7730

 19.9562, 16.5237,
11.5942


 102.4721, 94.0553,
80.7098

 12.4713, 9.8955,
6.3488


 130.5511,
121.1305, 106.0404

 7.1400, 5.3297,
2.9861

163.3411,
152.9588, 136.1836

 3.5969, 2.4420,
1.0875

201.2076,
189.9248, 171.5577

 1.4767, 0.8474,
0.0000

244.5159,

 0.3099, 0.0000,

232.4127, 212.5813

0.0000

293.6313,
280.8071, 259.6730

■ 0.0000, 0.0000,
0.0000

■ 42.8482, 37.5051,
29.4070

■ 42.8482, 37.5051,
29.4070

■ 38.7535, 31.5684,
21.0974

■ 47.7090, 44.4885,
39.4687

■ 35.3828, 26.6228,
14.4373

■ 53.3694, 52.5601,
51.3725

■ 32.6941, 22.6156,
9.3169

■ 59.8646, 61.7658,
65.2050

■ 30.6399, 19.4869,
5.6120

■ 67.2265, 72.1471,
81.0468

■ 29.1665, 17.1699,
3.1794

■ 75.4857, 83.7435,
98.9735

■ 28.2108, 15.5881,
1.8447

■ 81.2506, 92.8861,
108.2542

■ 27.8750, 15.0149,
1.4290

Harmonies

Analogous

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



44.3477, 37.5051, 39.5371



42.8482, 37.5051, 29.4070



39.4131, 37.5051, 23.4477

Triad

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



42.8482, 37.5051, 29.4070



28.9017, 37.5051, 31.2731



36.1081, 37.5051, 68.6035

Complementary

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



42.8482, 37.5051, 29.4070



44.0128, 53.0030, 70.8617

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.



32.1297, 37.5051, 65.2107



42.8482, 37.5051, 29.4070



28.1668, 37.5051, 42.1645

Square

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



42.8482, 37.5051, 29.4070



31.3940, 37.5051, 24.3669



29.3024, 37.5051, 54.8998



40.2687, 37.5051, 63.4324

Rectangle

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



42.8482, 37.5051, 29.4070



36.6065, 37.5051, 21.8823



29.3024, 37.5051, 54.8998



34.7054, 37.5051, 68.4295

Sweetspot

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



42.8492, 37.5069, 29.4077



84.5768, 85.1932, 86.4816



47.4688, 36.9299, 61.2097



17.8105, 17.8201, 17.8886



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.



42.8492, 37.5069, 29.4077



59.5647, 49.3695, 34.3654



49.6318, 51.0721, 31.6686



12.5573, 12.6888, 12.9481



17.0703, 9.2578, 0.8872



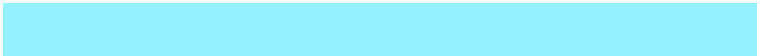
1.0746, 0.6484, 0.0685

Inverse Universe

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



44.0128, 53.0030, 70.8617



61.5582, 76.1337, 106.0586



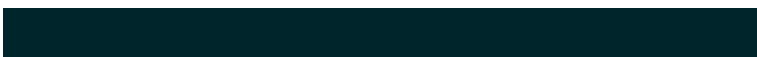
36.3185, 37.6144, 68.2969



12.6424, 13.8081, 15.9364



17.8874, 24.0366, 42.1499



1.1194, 1.5308, 2.5558

Previews

White Background



This preview shows how the XYZ color 42.8482, 37.5051, 29.4070 looks on a white background.

Color Contrast Check

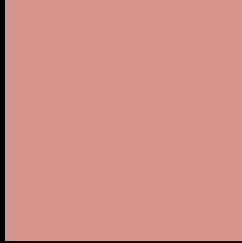
Large Text (above 18pt) WCAG AA × Fail

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 42.8482, 37.5051, 29.4070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

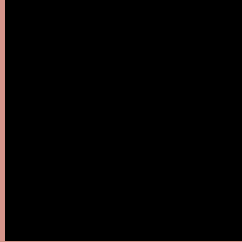
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.8482, 37.5051, 29.4070

Background



This preview shows how black text looks on a background with the XYZ color 42.8482, 37.5051, 29.4070.



This preview shows how white text looks on a background with the XYZ color 42.8482, 37.5051,

29.4070.

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

42.8482, 37.5051, 29.4070

Protanopia

35.7349, 37.7875, 33.0141

Deuteranopia

38.3994, 37.6788, 28.9158



Tritanopia

44.3890, 37.4392, 36.7852

Trichromacy



Original Color

42.8482, 37.5051, 29.4070

Protanomaly

37.9257, 37.3747, 31.6007

Deuteranomaly

39.8620, 37.4198, 29.1665

Tritanomaly

43.6703, 37.3656, 33.7648

Monochromacy



Original Color

42.8482, 37.5051, 29.4070

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

38.4238, 37.7663, 37.1628

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.8482, 37.5051, 29.4070 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(213, 149, 139)` looks like.

```
.text, #text, p{  
    color:rgb(213, 149, 139)  
}
```

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(213, 149, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 149, 139) }
```

Border

The CSS property to change the border of an element to XYZ 42.8482, 37.5051, 29.4070 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(213, 149, 139) }
```


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

```
.border{ border-color:rgb(213, 149, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 149, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 149, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 149, 139); box-shadow:4px 4px 4px 4px rgb(213, 149, 139) }
```

Background

The CSS property to change the background color of an element to XYZ 42.8482, 37.5051, 29.4070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 149, 139) }
```

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

```
.background{ background-color: rgb(213,  
149, 139) }
```

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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