

Converting Colors

XYZ(42.8931, 37.8447, 25.8129)

Have a look what the booklet for
XYZ(42.8931, 37.8447, 25.8129)
contains.

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Color

**XYZ(42.8931, 37.8447,
25.8129)**

Conversions

Conversions Part 1

Format	Color
Hex	D79681
RGB	215, 150, 129
RGB Percent	84%, 59%, 51%
CMY	0.1569, 0.4117, 0.4941
CMYK	0.00, 0.30, 0.40, 0.16
HSL	15°, 52%, 67%
HSV	15°, 40%, 84%
XYZ	42.8931, 37.8447, 25.8129
YIQ	167.0410, 45.4810, 7.2490

Conversions

Conversions Part 2

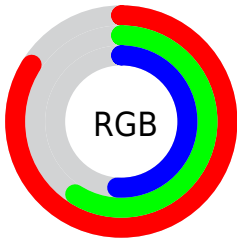
Format	Color
R _Y B	215, 157, 129
Decimal	14128769
CIE Lab	67.91, 21.85, 20.88
CIE LCh	68, 30.229, 43.699
Yxy	37.8447, 0.4026, 0.3552
Android (android.graphics.Color)	4292318849 (0xFFD79681)
YUV	167.0410, -18.7542, 42.0600
Hunter-Lab	61.5180, 16.8015, 18.1846

Details

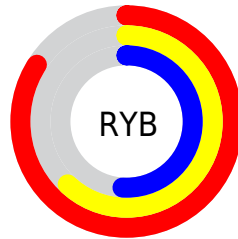
The XYZ color **42.8931, 37.8447, 25.8129** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.6100, 48.1551, 71.4444**, and the grayscale version is **36.8244, 38.7421, 42.1901**.

A 20% lighter version of the original color is **71.2764, 67.8231, 53.5905**, and **20.0104, 16.7720, 9.7721** is the 20% darker color. If you saturate the color by 10%, you get **39.1961, 32.5022, 18.2563**, and if you desaturate by 10%, it is **47.2523, 44.0303, 35.0744**.

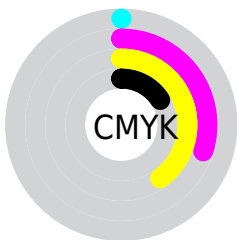
Distribution



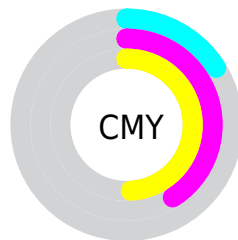
- Red (84%)
- Green (59%)
- Blue (51%)



- Red (84%)
- Yellow (62%)
- Blue (51%)



- Cyan (0%)
- Magenta (30%)
- Yellow (40%)
- Black (16%)



- Cyan (16%)
- Magenta (41%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.8931, 37.8447, 25.8129 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 42.8931, 37.8447, 25.8129 by changing the saturation by 10% instead.

42.8931, 37.8447,
25.8129

42.8931, 37.8447,
25.8129

349.1009,
336.9533, 295.4386

29.9954, 25.8622,
16.4592

78.8062, 71.8700,
53.9533

19.9832, 16.7206,
9.6918

102.5524, 94.6817,
73.5771

12.4910, 10.0355,
5.0922

130.6454,
121.8717, 97.4614

7.1536, 5.4225,
2.2418

163.4507,
153.8247, 126.0247

3.6055, 2.4972,
0.6983

201.3335,
190.9250, 159.6855

1.4815, 0.8752,
0.0000

244.6592,

0.3132, 0.0000,

233.5569, 198.8624

0.0000

293.7933,
282.1049, 243.9739

■ 0.0000, 0.0000,
0.0000

■ 42.8931, 37.8447,
25.8129

■ 42.8931, 37.8447,
25.8129

■ 39.1961, 32.5022,
18.2563

■ 47.2523, 44.0303,
35.0744

■ 36.1247, 27.9602,
12.2972

■ 52.3020, 51.0880,
46.1347

■ 33.6429, 24.1807,
7.8198

■ 58.0724, 59.0526,
59.0832

■ 31.7097, 21.1201,
4.6909

■ 64.5909, 67.9547,
74.0030

■ 30.2778, 18.7300,
2.7535

■ 71.8834, 77.8241,
90.9721

■ 29.2753, 16.9491,
1.7285

■ 79.4877, 88.4939,
107.4993

■ 29.2753, 16.9490,
1.7285

■ 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.



45.4640, 37.8447, 35.3869



42.8931, 37.8447, 25.8129



38.5617, 37.8447, 21.0538

Triad

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



42.8931, 37.8447, 25.8129



27.9893, 37.8447, 34.3730



38.1488, 37.8447, 71.7422

Complementary

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



42.8931, 37.8447, 25.8129



40.6100, 48.1551, 71.4444

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.



33.4976, 37.8447, 71.3037



42.8931, 37.8447, 25.8129



27.8997, 37.8447, 47.6314

Square

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



42.8931, 37.8447, 25.8129



30.0919, 37.8447, 25.2104



29.8355, 37.8447, 61.7525



42.5682, 37.8447, 62.8451

Rectangle

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



42.8931, 37.8447, 25.8129



35.3915, 37.8447, 20.4307



29.8355, 37.8447, 61.7525



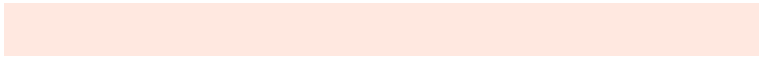
36.5553, 37.8447, 72.7323

Sweetspot

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



42.8941, 37.8465, 25.8136



83.5700, 84.3057, 82.6738



45.7175, 34.0850, 55.7599



17.6409, 17.7055, 17.1399



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.



42.8941, 37.8465, 25.8136



58.4537, 48.9578, 28.4146



50.8512, 53.7607, 28.4660



12.6672, 12.9085, 12.9847



17.5803, 10.2778, 1.0572



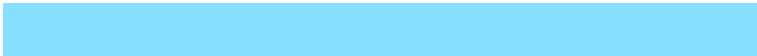
1.1260, 0.7512, 0.0856

Inverse Universe

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



40.6100, 48.1551, 71.4444



54.6134, 66.0813, 104.4843



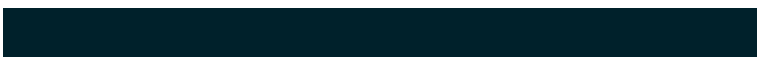
32.5367, 32.0086, 68.7533



12.5233, 13.5700, 15.8967



15.2027, 18.6671, 41.2550



0.9798, 1.2516, 2.5092

Previews

White Background



This preview shows how the XYZ color 42.8931, 37.8447, 25.8129 looks on a white background.

Color Contrast Check

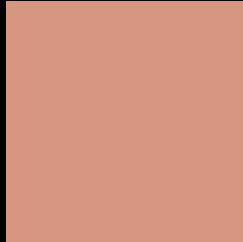
Large Text (above 18pt) WCAG AA × Fail

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 42.8931, 37.8447, 25.8129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

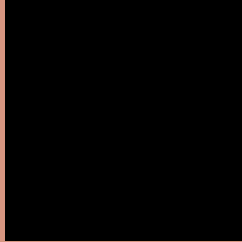
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.8931, 37.8447, 25.8129

Background



This preview shows how black text looks on a background with the XYZ color 42.8931, 37.8447, 25.8129.



This preview shows how white text looks on a background with the XYZ color 42.8931, 37.8447,

25.8129.

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

42.8931, 37.8447, 25.8129

Protanopia

35.5783, 37.8018, 28.7139

Deuteranopia

38.7346, 37.9307, 25.3585



Tritanopia

45.2781, 37.8975, 36.8268

Trichromacy



Original Color

42.8931, 37.8447, 25.8129

Protanomaly

38.0396, 37.7822, 27.4781

Deuteranomaly

40.1419, 37.8920, 25.6203

Tritanomaly

44.3155, 37.7257, 32.5499

Monochromacy



Original Color

42.8931, 37.8447, 25.8129

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

38.2618, 37.9800, 35.4512

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.8931, 37.8447, 25.8129 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, 150, 129) looks like.

```
.text, #text, p{  
    color:rgb(215, 150, 129)  
}
```

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, 150, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 150, 129) }
```

Border

The CSS property to change the border of an element to XYZ 42.8931, 37.8447, 25.8129 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, 150, 129) }
```


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

```
.border{ border-color:rgb(215, 150, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 150, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 150, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 150, 129);  
box-shadow:4px 4px 4px 4px rgb(215, 150,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 42.8931, 37.8447, 25.8129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 150, 129) }
```

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

```
.background{ background-color: rgb(215,  
150, 129) }
```

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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