

Converting Colors

XYZ(45.0179, 42.0427, 28.9948)

Have a look what the booklet for
XYZ(45.0179, 42.0427, 28.9948)
contains.

XYZ(44.9817, 42.1181, 29.0514) 3
 Conversions 4
 Details 6
 Harmonies 12
 Previews 24
 Color Blindness Simulation 28
 CSS Examples 31

Color

**XYZ(44.9817, 42.1181,
29.0514)**

Conversions

Conversions Part 1

Format	Color
Hex	D5A388
RGB	213, 163, 136
RGB Percent	84%, 64%, 53%
CMY	0.1647, 0.3608, 0.4667
CMYK	0.00, 0.23, 0.36, 0.16
HSL	21°, 48%, 68%
HSV	21°, 36%, 84%
XYZ	44.9817, 42.1181, 29.0514
YIQ	174.8720, 38.4670, 2.2030

Conversions

Conversions Part 2

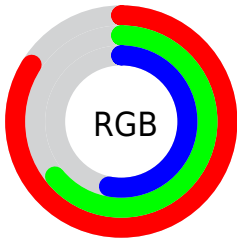
Format	Color
R_{YB}	213, 178, 136
Decimal	14001032
CIE _{Lab}	70.95, 14.85, 21.16
CIE _{LCh}	71, 25.853, 54.940
Yxy	42.1181, 0.3873, 0.3626
Android (android.graphics.Color)	4292191112 (0xFFD5A388)
YUV	174.8720, -19.1639, 33.4383
Hunter-Lab	64.8985, 10.1476, 18.8881

Details

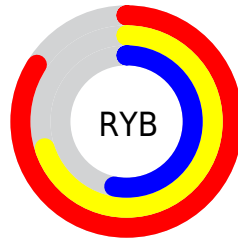
The XYZ color **44.9817, 42.1181, 29.0514** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **39.7219, 45.1546, 69.5729**, and the grayscale version is **40.7643, 42.8872, 46.7042**.

A 20% lighter version of the original color is **75.4967, 75.0769, 58.6563**, and **21.2688, 19.2089, 11.3908** is the 20% darker color. If you saturate the color by 10%, you get **41.2932, 36.9276, 21.0811**, and if you desaturate by 10%, it is **49.2418, 47.9701, 38.6972**.

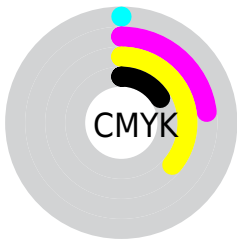
Distribution



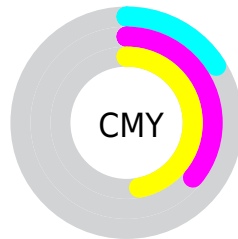
- Red (84%)
- Green (64%)
- Blue (53%)



- Red (84%)
- Yellow (70%)
- Blue (53%)



- Cyan (0%)
- Magenta (23%)
- Yellow (36%)
- Black (16%)





- Cyan (16%)
- Magenta (36%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.9817, 42.1181, 29.0514 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 44.9817, 42.1181, 29.0514 by changing the saturation by 10% instead.


 44.9817, 42.1181,
29.0514


 44.9817, 42.1181,
29.0514


357.4844,
354.9723, 311.5259


 31.6442, 29.1938,
18.8738


 81.9302, 78.3783,
59.2019

 21.2441, 19.2275,
11.4032


 106.2719,
102.4830, 80.0119

 13.4160, 11.8348,
6.2212


 135.0124,
131.0833, 105.2031

 7.7946, 6.6313,
2.9091

168.5171,
164.5636, 135.1940

 4.0145, 3.2326,
1.0484

207.1513,
203.3082, 170.4032

 1.7103, 1.2543,
0.0000

251.2803,

 0.4627, 0.1054,

247.7016, 211.2492

0.0000

301.2696,
298.1282, 258.1506

0.0000, 0.0000,
0.0000

44.9817, 42.1181,
29.0514

44.9817, 42.1181,
29.0514

41.2932, 36.9276,
21.0811

49.2418, 47.9701,
38.6972

38.1465, 32.3682,
14.6865

54.0949, 54.5005,
50.1054

35.5138, 28.4158,
9.7613

59.5652, 61.7332,
63.3595

33.3632, 25.0424,
6.1843

65.6744, 69.6890,
78.5373

31.6585, 22.2172,
3.8149

72.4433, 78.3877,
95.7120

■ 30.3561, 19.9052,
2.4777

■ 78.4418, 87.2685,
107.3179

■ 29.9364, 19.1378,
2.1161

■ 81.2506, 92.8861,
108.2542

Harmonies

Analogous

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



48.0233, 42.1181, 36.5649



44.9817, 42.1181, 29.0514



40.7670, 42.1181, 26.0538

Triad

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



44.9817, 42.1181, 29.0514



32.3341, 42.1181, 43.7987



43.6278, 42.1181, 70.9115

Complementary

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



44.9817, 42.1181, 29.0514



39.7219, 45.1546, 69.5729

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.



39.3058, 42.1181, 73.7843



44.9817, 42.1181, 29.0514



32.9804, 42.1181, 56.6089

Square

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



44.9817, 42.1181, 29.0514



33.6266, 42.1181, 33.5364



35.4594, 42.1181, 68.1502



47.2031, 42.1181, 60.8825

Rectangle

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



44.9817, 42.1181, 29.0514



37.9340, 42.1181, 26.5436



35.4594, 42.1181, 68.1502



42.2060, 42.1181, 72.8142

Sweetspot

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



44.9828, 42.1201, 29.0522



85.3209, 87.2486, 84.9806



45.1132, 35.3022, 50.9188



18.0230, 18.3582, 17.6109



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.



44.9828, 42.1201, 29.0522



63.4779, 57.5152, 34.6857



52.8764, 57.9073, 31.6834



12.7760, 13.1261, 13.0209



18.3735, 11.8643, 1.3216



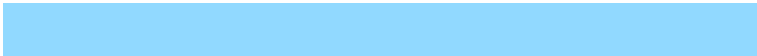
1.1847, 0.8686, 0.1052

Inverse Universe

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



39.7219, 45.1546, 69.5729



54.4845, 62.6630, 103.8313



32.6835, 31.0778, 67.2268



12.4086, 13.3407, 15.8585



13.0134, 14.2885, 40.5252



0.8612, 1.0145, 2.4697

Previews

White Background



This preview shows how the XYZ color 44.9817, 42.1181, 29.0514 looks on a white background.

Color Contrast Check

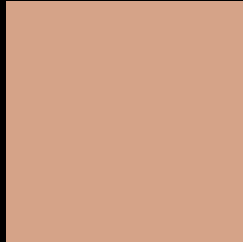
Large Text (above 18pt) WCAG AA × Fail

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 44.9817, 42.1181, 29.0514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

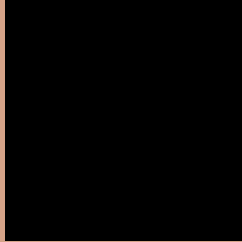
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.9817, 42.1181, 29.0514

Background



This preview shows how black text looks on a background with the XYZ color 44.9817, 42.1181, 29.0514.



This preview shows how white text looks on a background with the XYZ color 44.9817, 42.1181,

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

44.9817, 42.1181, 29.0514

Protanopia

39.7109, 42.3855, 31.2875

Deuteranopia

43.0937, 42.2241, 28.8004



Tritanopia

47.8015, 41.9549, 43.6089

Trichromacy



Original Color

44.9817, 42.1181, 29.0514

Protanomaly

41.5406, 42.2156, 30.3851

Deuteranomaly

43.7415, 42.2871, 28.7785

Tritanomaly

46.7667, 42.0573, 38.0008

Monochromacy



Original Color

44.9817, 42.1181, 29.0514

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.9822, 42.5178, 39.7123

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.9817, 42.1181, 29.0514 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, 163, 136)` looks like.

```
.text, #text, p{  
    color:rgb(213, 163, 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(213, 163, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 163, 136) }
```

Border

The CSS property to change the border of an element to XYZ 44.9817, 42.1181, 29.0514 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, 163, 136) }
```


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

```
.border{ border-color:rgb(213, 163, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 163, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 163, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 163, 136);  
box-shadow:4px 4px 4px 4px rgb(213, 163,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 44.9817, 42.1181, 29.0514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 163, 136) }
```

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

```
.background{ background-color: rgb(213,  
163, 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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