

Converting Colors

XYZ(44.2329, 43.3009, 19.1233)

Have a look what the booklet for
XYZ(44.2329, 43.3009, 19.1233)
contains.

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Color

**XYZ(44.2329, 43.3009,
19.1233)**

Conversions

Conversions Part 1

Format	Color
Hex	D6A868
RGB	214, 168, 104
RGB Percent	84%, 66%, 41%
CMY	0.1608, 0.3412, 0.5921
CMYK	0.00, 0.21, 0.51, 0.16
HSL	35°, 57%, 62%
HSV	35°, 51%, 84%
XYZ	44.2329, 43.3009, 19.1233
YIQ	174.4580, 47.9600, -10.1520

Conversions

Conversions Part 2

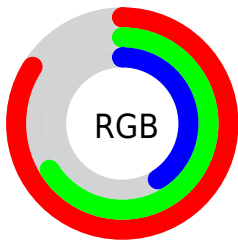
Format	Color
R _Y B	183, 214, 104
Decimal	14067816
CIE Lab	71.76, 9.20, 39.30
CIE LCh	72, 40.367, 76.825
Yxy	43.3009, 0.4147, 0.4060
Android (android.graphics.Color)	4292257896 (0xFFD6A868)
YUV	174.4580, -34.7358, 34.6783
Hunter-Lab	65.8034, 4.8313, 28.8320

Details

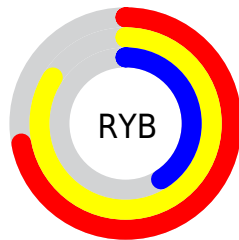
The XYZ color **44.2329, 43.3009, 19.1233** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **28.7524, 29.6096, 67.8180**, and the grayscale version is **40.6248, 42.7404, 46.5443**.

A 20% lighter version of the original color is **73.6284, 76.4357, 42.3254**, and **20.8396, 19.9347, 6.3638** is the 20% darker color. If you saturate the color by 10%, you get **41.6855, 39.7306, 13.5750**, and if you desaturate by 10%, it is **47.1719, 47.2131, 26.1637**.

Distribution



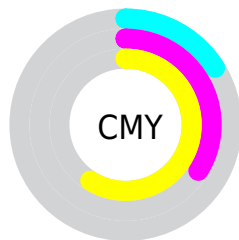
- Red (84%)
- Green (66%)
- Blue (41%)



- Red (72%)
- Yellow (84%)
- Blue (41%)



- Cyan (0%)
- Magenta (21%)
- Yellow (51%)
- Black (16%)





- Cyan (16%)
- Magenta (34%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.2329, 43.3009, 19.1233 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 44.2329, 43.3009, 19.1233 by changing the saturation by 10% instead.


 44.2329, 43.3009,
19.1233


 44.2329, 43.3009,
19.1233


354.4940,
359.8478, 259.5740


 31.0523, 30.1213,
11.5817


 80.8123, 80.1647,
42.7818


 20.7907, 19.9307,
6.3405


 104.9418,
104.6177, 59.7358

 13.0827, 12.3447,
2.9811

 133.4517,
133.5973, 80.6643

 7.5629, 6.9789,
1.0850

 166.7073,
167.4879, 105.9859

 3.8660, 3.4489,
0.0000

205.0740,
206.6738, 136.1192

 1.6266, 1.3703,
0.0000

248.9171,

 0.4097, 0.1947,

251.5395, 171.4826

0.0000

298.6020,
302.4693, 212.4946

■ 0.0000, 0.0000,
0.0000

■ 44.2329, 43.3009,
19.1233

■ 44.2329, 43.3009,
19.1233

■ 41.6855, 39.7306,
13.5750

■ 47.1719, 47.2131,
26.1637

■ 39.5031, 36.4829,
9.4033

■ 50.5206, 51.4730,
34.7949

■ 37.6598, 33.5453,
6.4799

■ 54.2997, 56.0938,
45.1098

■ 36.1242, 30.9015,
4.6503

■ 58.5272, 61.0862,
57.1935

■ 35.0043, 28.8418,
3.7221

■ 63.2200, 66.4603,
71.1253

■ 68.3943, 72.2255,
86.9797

■ 74.0651, 78.3910,
104.8269

■ 76.8211, 83.5954,
106.6944

■ 79.5147, 88.9826,
107.5922

Harmonies

Analogous

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



50.8458, 43.3009, 24.6351



44.2329, 43.3009, 19.1233



37.4589, 43.3009, 19.4663

Triad

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



44.2329, 43.3009, 19.1233



29.7887, 43.3009, 58.9352



51.5323, 43.3009, 77.9665

Complementary

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



44.2329, 43.3009, 19.1233



28.7524, 29.6096, 67.8180

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.



45.0891, 43.3009, 93.2760



44.2329, 43.3009, 19.1233



32.7831, 43.3009, 80.3679

Square

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



44.2329, 43.3009, 19.1233



29.6139, 43.3009, 39.0591



38.2256, 43.3009, 94.2600



55.3646, 43.3009, 56.2814

Rectangle

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



44.2329, 43.3009, 19.1233



33.7532, 43.3009, 22.9331



38.2256, 43.3009, 94.2600



49.5695, 43.3009, 84.2627

Sweetspot

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



44.2339, 43.3030, 19.1242



84.6002, 87.9934, 78.0008



38.3223, 26.4532, 32.6494



17.8209, 18.4954, 15.8744



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.



44.2339, 43.3030, 19.1242



61.5675, 58.4702, 19.3258



52.1843, 62.3099, 22.3738



13.0175, 13.6092, 13.1014



21.2629, 17.6429, 2.2848



1.3634, 1.2261, 0.1648

Inverse Universe

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



28.7524, 29.6096, 67.8180



36.0676, 35.9529, 99.6464



23.6859, 18.1573, 65.8745



12.1650, 12.8534, 15.7773



9.6176, 7.4970, 39.3933



0.6609, 0.6137, 2.4029

Previews

White Background



This preview shows how the XYZ color 44.2329, 43.3009, 19.1233 looks on a white background.

Color Contrast Check

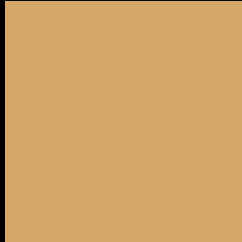
Large Text (above 18pt) WCAG AA × Fail

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 44.2329, 43.3009, 19.1233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

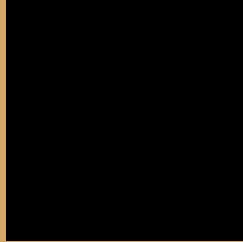
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.2329, 43.3009, 19.1233

Background



This preview shows how black text looks on a background with the XYZ color 44.2329, 43.3009, 19.1233.



This preview shows how white text looks on a background with the XYZ color 44.2329, 43.3009,

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

44.2329, 43.3009, 19.1233

Protanopia

39.9174, 43.3187, 20.1674

Deuteranopia

44.2329, 43.3009, 19.1233



Tritanopia

49.5324, 43.3358, 44.7837

Trichromacy



Original Color

44.2329, 43.3009, 19.1233

Protanomaly

41.3645, 43.2071, 19.7953

Deuteranomaly

44.2329, 43.3009, 19.1233

Tritanomaly

47.2771, 43.2064, 33.4517

Monochromacy



Original Color

44.2329, 43.3009, 19.1233

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

41.1636, 42.4938, 34.4663

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.2329, 43.3009, 19.1233 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(214, 168, 104)` looks like.

```
.text, #text, p{  
    color:rgb(214, 168, 104)  
}
```

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(214, 168, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 168, 104) }
```

Border

The CSS property to change the border of an element to XYZ 44.2329, 43.3009, 19.1233 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(214, 168, 104) }
```


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

```
.border{ border-color:rgb(214, 168, 104) }
```

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

Here you see how a box with a 4 pixel rgb(214, 168, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 168, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 168, 104);  
box-shadow:4px 4px 4px 4px rgb(214, 168,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 44.2329, 43.3009, 19.1233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 168, 104) }
```

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

```
.background{ background-color: rgb(214,  
168, 104) }
```

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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