

Converting Colors

XYZ(43.0618, 44.1246, 25.4446)

Have a look what the booklet for
XYZ(43.0618, 44.1246, 25.4446)
contains.

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Color

**XYZ(43.1313, 44.2839,
25.3432)**

Conversions

Conversions Part 1

Format	Color
Hex	CAA7C
RGB	202, 174, 124
RGB Percent	79%, 68%, 49%
CMY	0.2078, 0.3176, 0.5137
CMYK	0.00, 0.14, 0.39, 0.21
HSL	38°, 42%, 64%
HSV	38°, 39%, 79%
XYZ	43.1313, 44.2839, 25.3432
YIQ	176.6720, 32.7380, -9.6140

Conversions

Conversions Part 2

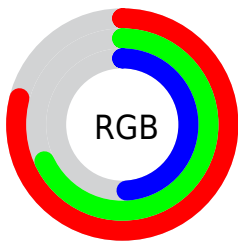
Format	Color
R_{YB}	168, 202, 124
Decimal	13282940
CIE Lab	72.42, 3.12, 29.42
CIE LCh	72, 29.583, 83.954
Yxy	44.2839, 0.3825, 0.3927
Android (android.graphics.Color)	4291473020 (0xFFCAA7C)
YUV	176.6720, -25.9673, 22.2127
Hunter-Lab	66.5461, -0.7626, 24.0025

Details

The XYZ color **43.1313, 44.2839, 25.3432** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **30.2008, 31.0049, 60.2700**, and the grayscale version is **41.7387, 43.9123, 47.8205**.

A 20% lighter version of the original color is **77.1951, 80.4729, 53.0592**, and **20.2282, 20.6165, 9.3918** is the 20% darker color. If you saturate the color by 10%, you get **40.6197, 41.0998, 18.8361**, and if you desaturate by 10%, it is **45.9825, 47.7280, 33.2554**.

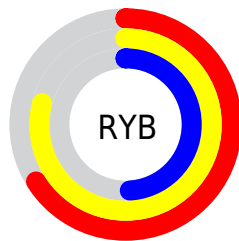
Distribution



Red (79%)

Green (68%)

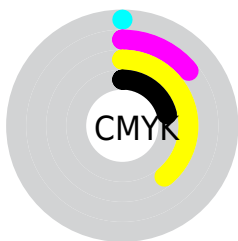
Blue (49%)



Red (66%)

Yellow (79%)

Blue (49%)

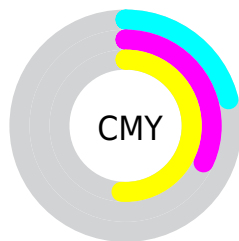


Cyan (0%)

Magenta (14%)

Yellow (39%)

Black (21%)



Cyan (21%)


Magenta (32%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.1313, 44.2839, 25.3432 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 43.1313, 44.2839, 25.3432 by changing the saturation by 10% instead.


 43.1313, 44.2839,
25.3432


 43.1313, 44.2839,
25.3432


350.0638,
363.8655, 293.0450


 30.1831, 30.8938,
16.1116


 79.1634, 81.6448,
53.1845

 20.1264, 20.5180,
9.4479


 102.9781,
106.3843, 72.6312

 12.5957, 12.7721,
4.9337

 131.1456,
135.6757, 96.3200

 7.2258, 7.2718,
2.1504

164.0314,
169.9035, 124.6695

 3.6513, 3.6327,
0.6455

202.0007,
209.4520, 158.0983

 1.5068, 1.4703,
0.0000

245.4190,

 0.3305, 0.2677,

254.7055, 197.0247

0.0000

294.6516,
306.0486, 241.8674

■ 0.0000, 0.0000,
0.0000

■ 43.1313, 44.2839,
25.3432

■ 43.1313, 44.2839,
25.3432

■ 40.6197, 41.0998,
18.8361

■ 45.9825, 47.7280,
33.2554

■ 38.4270, 38.1607,
13.6464

■ 49.1857, 51.4342,
42.6480

■ 36.5353, 35.4592,
9.6804

■ 52.7570, 55.4122,
53.5939

■ 34.9230, 32.9847,
6.8310

■ 56.7100, 59.6694,
66.1607

■ 33.5651, 30.7250,
4.9722

■ 61.0578, 64.2125,
80.4117

■ 32.4224, 28.6625,
3.9040

■ 65.8129, 69.0484,
96.4068

■ 32.2733, 28.3888,
3.7786

■ 69.2665, 73.4952,
105.1430

■ 71.2655, 77.4933,
105.8094

■ 73.3488, 81.6598,
106.5038

Harmonies

Analogous

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



48.1255, 44.2839, 28.8959



43.1313, 44.2839, 25.3432



38.2351, 44.2839, 26.8449

Triad

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



43.1313, 44.2839, 25.3432



33.7535, 44.2839, 60.5362



50.5234, 44.2839, 66.6934

Complementary

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



43.1313, 44.2839, 25.3432



30.2008, 31.0049, 60.2700

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.



46.1968, 44.2839, 78.6893



43.1313, 44.2839, 25.3432



36.5824, 44.2839, 74.6619

Square

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



43.1313, 44.2839, 25.3432



33.0765, 44.2839, 45.3212



41.0666, 44.2839, 81.8660



52.6093, 44.2839, 51.2350

Rectangle

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



43.1313, 44.2839, 25.3432



35.6473, 44.2839, 30.7011



41.0666, 44.2839, 81.8660



49.2668, 44.2839, 71.3803

Sweetspot

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



43.1324, 44.2860, 25.3441



87.1047, 91.3752, 83.8520



37.2819, 29.2591, 33.6472



18.4712, 19.3661, 17.4166



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.



43.1324, 44.2860, 25.3441



69.5746, 70.6240, 33.8959



46.3959, 54.8508, 27.2113



11.8020, 12.3929, 11.8495



20.8543, 18.4416, 2.4604



1.1461, 1.0918, 0.1503

Inverse Universe

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



30.2008, 31.0049, 60.2700



44.7628, 45.1599, 100.9652



27.7642, 23.7814, 59.0041



10.9258, 11.4920, 14.2127



8.4493, 5.9226, 36.6541



0.5073, 0.4484, 1.9147

Previews

White Background



This preview shows how the XYZ color 43.1313, 44.2839, 25.3432 looks on a white background.

Color Contrast Check

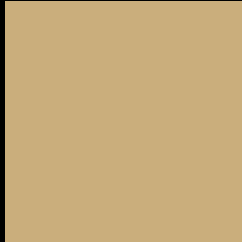
Large Text (above 18pt) WCAG AA × Fail

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 43.1313, 44.2839, 25.3432 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 43.1313, 44.2839, 25.3432

Background



This preview shows how black text looks on a background with the XYZ color 43.1313, 44.2839, 25.3432.



This preview shows how white text looks on a background with the XYZ color 43.1313, 44.2839,

25.3432.

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

43.1313, 44.2839, 25.3432

Protanopia

41.4245, 44.5536, 26.1551

Deuteranopia

45.2278, 44.2272, 25.5550



Tritanopia

48.0694, 44.3426, 49.2055

Trichromacy



Original Color

43.1313, 44.2839, 25.3432

Protanomaly

42.1888, 44.6607, 25.7988

Deuteranomaly

44.2770, 44.0164, 25.5644

Tritanomaly

46.1735, 44.4093, 39.3960

Monochromacy



Original Color

43.1313, 44.2839, 25.3432

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.9466, 43.9584, 38.6217

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1313, 44.2839, 25.3432 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(202, 174, 124)` looks like.

```
.text, #text, p{  
    color:rgb(202, 174, 124)  
}
```

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(202, 174, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 174, 124) }
```

Border

The CSS property to change the border of an element to XYZ 43.1313, 44.2839, 25.3432 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(202, 174, 124) }
```


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

```
.border{ border-color:rgb(202, 174, 124) }
```

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

Here you see how a box with a 4 pixel rgb(202, 174, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 174, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 174, 124);  
box-shadow:4px 4px 4px 4px rgb(202, 174,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1313, 44.2839, 25.3432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 174, 124) }
```

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

```
.background{ background-color: rgb(202,  
174, 124) }
```

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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