

Converting Colors

XYZ(43.1336, 43.4467, 25.6194)

Have a look what the booklet for
XYZ(43.1336, 43.4467, 25.6194)
contains.

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Color

**XYZ(43.1664, 43.4439,
25.5124)**

Conversions

Conversions Part 1

Format	Color
Hex	CCAB7D
RGB	204, 171, 125
RGB Percent	80%, 67%, 49%
CMY	0.2000, 0.3294, 0.5098
CMYK	0.00, 0.16, 0.39, 0.20
HSL	35°, 44%, 65%
HSV	35°, 39%, 80%
XYZ	43.1664, 43.4439, 25.5124
YIQ	175.6230, 34.4340, -7.3100

Conversions

Conversions Part 2

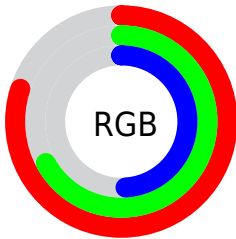
Format	Color
RYB	182, 204, 125
Decimal	13413245
CIELab	71.86, 5.65, 28.18
CIELCh	72, 28.735, 78.671
Yxy	43.4439, 0.3850, 0.3875
Android (android.graphics.Color)	4291603325 (0xFFCCAB7D)
YUV	175.6230, -24.9571, 24.8866
Hunter-Lab	65.9120, 1.5554, 23.1891

Details

The XYZ color **43.1664, 43.4439, 25.5124** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **31.5829, 33.1720, 61.8648**, and the grayscale version is **41.1847, 43.3295, 47.1858**.

A 20% lighter version of the original color is **76.4722, 78.8671, 53.3118**, and **20.0796, 19.9976, 9.4582** is the 20% darker color. If you saturate the color by 10%, you get **40.4371, 39.8610, 18.8202**, and if you desaturate by 10%, it is **46.2693, 47.3454, 33.6506**.

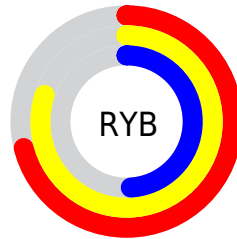
Distribution



Red (80%)

Green (67%)

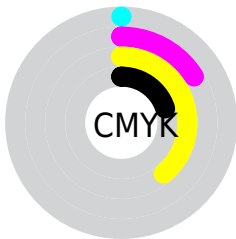
Blue (49%)



Red (71%)

Yellow (80%)

Blue (49%)

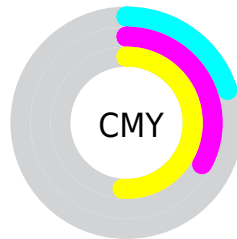


Cyan (0%)

Magenta (16%)

Yellow (39%)

Black (20%)



Cyan (20%)


Magenta (33%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.1664, 43.4439, 25.5124 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 43.1664, 43.4439, 25.5124 by changing the saturation by 10% instead.


 43.1664, 43.4439,
25.5124


 43.1664, 43.4439,
25.5124


350.2056,
360.4341, 293.9091


 30.2108, 30.2336,
16.2367


 79.2161, 80.3803,
53.4617

 20.1475, 20.0159,
9.5357


 103.0408,
104.8751, 72.9723

 12.6112, 12.4066,
4.9906


 131.2193,
133.9003, 96.7318

 7.2365, 7.0212,
2.1831

164.1169,
167.8401, 125.1585

 3.6581, 3.4754,
0.6646

202.0990,
207.0790, 158.6711

 1.5106, 1.3847,
0.0000

245.5309,

 0.3330, 0.2054,

252.0014, 197.6880

0.0000

294.7780,
302.9916, 242.6278

■ 0.0000, 0.0000,
0.0000

■ 43.1664, 43.4439,
25.5124

■ 43.1664, 43.4439,
25.5124

■ 40.4371, 39.8610,
18.8202

■ 46.2693, 47.3454,
33.6506

■ 38.0597, 36.5802,
13.4837

■ 49.7595, 51.5693,
43.3123

■ 36.0151, 33.5922,
9.4067

■ 53.6540, 56.1268,
54.5724

■ 34.2802, 30.8846,
6.4789

■ 57.9676, 61.0269,
67.5005

■ 32.8285, 28.4432,
4.5705

■ 62.7142, 66.2777,
82.1616

■ 31.6186, 26.2481,
3.4746

■ 67.9073, 71.8875,
98.6174

■ 31.4745, 25.9828,
3.3563

■ 71.4290, 77.0118,
105.7078

■ 73.8673, 81.8884,
106.5206

■ 76.4232, 87.0002,
107.3725

Harmonies

Analogous

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



47.8160, 43.4439, 29.8307



43.1664, 43.4439, 25.5124



38.3555, 43.4439, 26.1081

Triad

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



43.1664, 43.4439, 25.5124



33.0117, 43.4439, 56.4550



48.7606, 43.4439, 67.4013

Complementary

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



43.1664, 43.4439, 25.5124



31.5829, 33.1720, 61.8648

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.



44.3750, 43.4439, 77.6651



43.1664, 43.4439, 25.5124



35.3904, 43.4439, 70.5349

Square

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



43.1664, 43.4439, 25.5124



32.7441, 43.4439, 42.2091



39.4729, 43.4439, 78.9133



51.2116, 43.4439, 52.7911

Rectangle

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



43.1664, 43.4439, 25.5124



35.6928, 43.4439, 29.2441



39.4729, 43.4439, 78.9133



47.4485, 43.4439, 71.5881

Sweetspot

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



43.1675, 43.4459, 25.5133



86.5664, 90.2986, 83.6726



38.5139, 30.0163, 36.6713



18.3444, 19.1124, 17.3743



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.



43.1675, 43.4459, 25.5133



67.8791, 67.2331, 33.3307



48.7770, 56.7720, 27.7898



11.7459, 12.2808, 11.8308



19.9043, 16.5415, 2.1438



1.1008, 1.0012, 0.1352

Inverse Universe

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



31.5829, 33.1720, 61.8648



46.1866, 48.0076, 101.4398



27.4800, 23.7943, 60.2710



10.9803, 11.6011, 14.2309



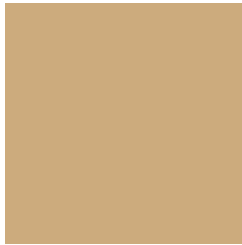
9.0021, 7.0282, 36.8384



0.5388, 0.5114, 1.9253

Previews

White Background



This preview shows how the XYZ color 43.1664, 43.4439, 25.5124 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 43.1664, 43.4439, 25.5124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

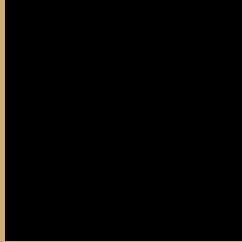
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.1664, 43.4439, 25.5124

Background



This preview shows how black text looks on a background with the XYZ color 43.1664, 43.4439, 25.5124.

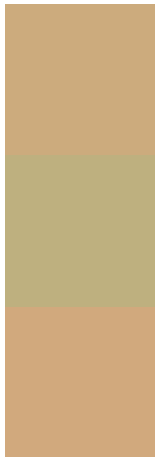


This preview shows how white text looks on a background with the XYZ color 43.1664, 43.4439,

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

43.1664, 43.4439, 25.5124

Protanopia

40.5913, 43.5301, 26.3414

Deuteranopia

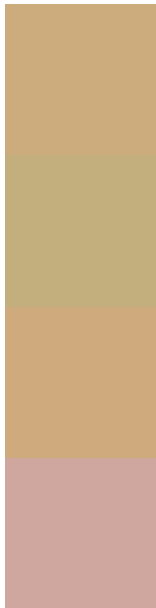
44.1841, 43.4119, 25.4526



Tritanopia

47.5058, 43.2806, 47.4451

Trichromacy



Original Color

43.1664, 43.4439, 25.5124

Protanomaly

41.4076, 43.3806, 25.9295

Deuteranomaly

43.8085, 43.4955, 25.4886

Tritanomaly

45.7224, 43.3715, 38.3094

Monochromacy



Original Color

43.1664, 43.4439, 25.5124

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.4716, 43.1455, 38.0404

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1664, 43.4439, 25.5124 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(204, 171, 125)` looks like.

```
.text, #text, p{  
    color:rgb(204, 171, 125)  
}
```

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(204, 171, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 171, 125) }
```

Border

The CSS property to change the border of an element to XYZ 43.1664, 43.4439, 25.5124 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(204, 171, 125) }
```


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

```
.border{ border-color:rgb(204, 171, 125) }
```

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

Here you see how a box with a 4 pixel rgb(204, 171, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 171, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 171, 125);  
box-shadow:4px 4px 4px 4px rgb(204, 171,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1664, 43.4439, 25.5124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 171, 125) }
```

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

```
.background{ background-color: rgb(204,  
171, 125) }
```

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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