

Converting Colors

XYZ(43.7243, 41.3718, 19.9184)

Have a look what the booklet for
XYZ(43.7243, 41.3718, 19.9184)
contains.

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Color

**XYZ(43.6514, 41.3704,
19.8720)**

Conversions

Conversions Part 1

Format	Color
Hex	D7A26C
RGB	215, 162, 108
RGB Percent	84%, 64%, 42%
CMY	0.1569, 0.3647, 0.5765
CMYK	0.00, 0.25, 0.50, 0.16
HSL	30°, 57%, 63%
HSV	30°, 50%, 84%
XYZ	43.6514, 41.3704, 19.8720
YIQ	171.6910, 48.9220, -5.5580

Conversions

Conversions Part 2

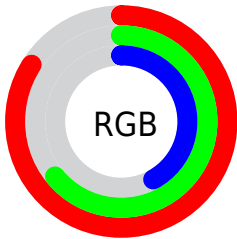
Format	Color
R _Y B	213, 215, 108
Decimal	14131820
CIE Lab	70.43, 13.20, 35.58
CIE LCh	70, 37.949, 69.642
Yxy	41.3704, 0.4161, 0.3944
Android (android.graphics.Color)	4292321900 (0xFFD7A26C)
YUV	171.6910, -31.3997, 37.9820
Hunter-Lab	64.3198, 8.5814, 26.7059

Details

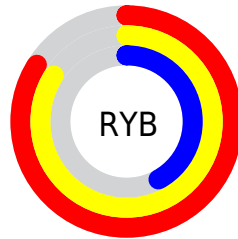
The XYZ color **43.6514, 41.3704, 19.8720** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **31.1944, 33.5828, 69.1277**, and the grayscale version is **39.1937, 41.2348, 44.9047**.

A 20% lighter version of the original color is **72.3980, 73.4238, 43.6141**, and **20.4659, 18.7367, 6.6756** is the 20% darker color. If you saturate the color by 10%, you get **40.8484, 37.3754, 13.9717**, and if you desaturate by 10%, it is **46.8974, 45.8000, 27.3127**.

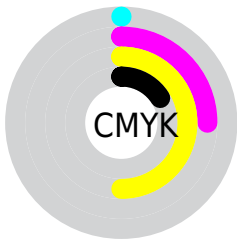
Distribution



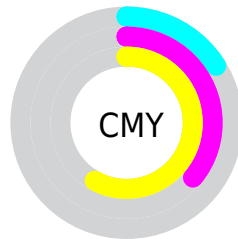
- Red (84%)
- Green (64%)
- Blue (42%)



- Red (84%)
- Yellow (84%)
- Blue (42%)



- Cyan (0%)
- Magenta (25%)
- Yellow (50%)
- Black (16%)





- Cyan (16%)
- Magenta (36%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.6514, 41.3704, 19.8720 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 43.6514, 41.3704, 19.8720 by changing the saturation by 10% instead.


 43.6514, 41.3704,
19.8720

 43.6514, 41.3704,
19.8720


352.1601,
351.8663, 263.8026


 30.5933, 28.6086,
12.1189


 79.9425, 77.2459,
44.0586


 20.4396, 18.7850,
6.7012


 103.9062,
101.1283, 61.3292

 12.8251, 11.5150,
3.2003


 132.2359,
129.4865, 82.6094

 7.3844, 6.4144,
1.1978

 165.2968,
162.7047, 108.3176

 3.7521, 3.0986,
0.0000

203.4543,
201.1674, 138.8726

 1.5629, 1.1834,
0.0000

247.0738,

 0.3680, 0.0481,

245.2590, 174.6927

0.0000

296.5206,
295.3638, 216.1965

■ 0.0000, 0.0000,
0.0000

■ 43.6514, 41.3704,
19.8720

■ 43.6514, 41.3704,
19.8720

■ 40.8484, 37.3754,
13.9717

■ 46.8974, 45.8000,
27.3127

■ 38.4604, 33.7926,
9.4969

■ 50.6063, 50.6734,
36.3926

■ 36.4601, 30.6064,
6.3200


■ 54.7998, 56.0067,
47.2050


■ 34.8150, 27.7968,
4.2895


■ 59.4977, 61.8135,
59.8353

■ 33.4704, 25.3349,
3.1405

■ 64.7182, 68.1066,
74.3633

 33.4412, 25.2809,
3.1172

 70.4788, 74.8981,
90.8642

 76.2269, 81.9724,
106.4124

 79.3943, 88.3072,
107.4682

 81.8342, 93.1870,
108.2815

Harmonies

Analogous

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



49.3189, 41.3704, 26.4644



43.6514, 41.3704, 19.8720



37.3430, 41.3704, 18.9235

Triad

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



43.6514, 41.3704, 19.8720



28.6250, 41.3704, 51.0583



47.4962, 41.3704, 77.0807

Complementary

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



43.6514, 41.3704, 19.8720



31.1944, 33.5828, 69.1277

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.



41.3683, 41.3704, 88.2019



43.6514, 41.3704, 19.8720



30.7753, 41.3704, 70.7600

Square

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



43.6514, 41.3704, 19.8720



29.0976, 41.3704, 34.1028



35.2875, 41.3704, 85.6238



51.6967, 41.3704, 58.1090

Rectangle

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



43.6514, 41.3704, 19.8720



33.6729, 41.3704, 21.2675



35.2875, 41.3704, 85.6238



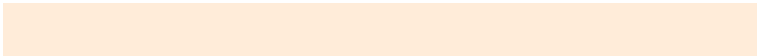
45.5685, 41.3704, 82.0625

Sweetspot

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



43.6524, 41.3724, 19.8728



83.7433, 86.2796, 77.7152



39.8643, 27.7634, 37.2080



17.6146, 18.0827, 15.8056



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.



43.6524, 41.3724, 19.8728



59.8029, 54.5486, 19.9473



55.0314, 64.1304, 23.6658



12.9361, 13.4463, 13.0743



20.1082, 15.3336, 1.8999



1.2956, 1.0904, 0.1422

Inverse Universe

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



31.1944, 33.5828, 69.1277



39.4058, 41.7973, 100.5985



23.8130, 18.8201, 66.6673



12.2455, 13.0144, 15.8041



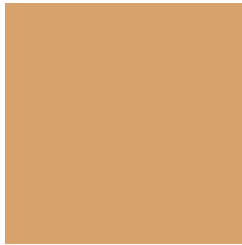
10.5550, 9.3717, 39.7058



0.7194, 0.7308, 2.4224

Previews

White Background



This preview shows how the XYZ color 43.6514, 41.3704, 19.8720 looks on a white background.

Color Contrast Check

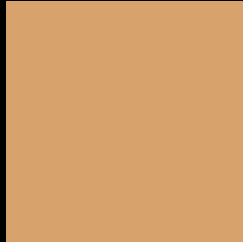
Large Text (above 18pt) WCAG AA × Fail

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 43.6514, 41.3704, 19.8720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

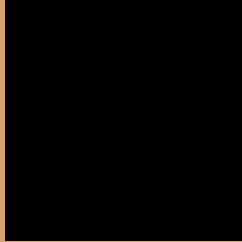
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.6514, 41.3704, 19.8720

Background



This preview shows how black text looks on a background with the XYZ color 43.6514, 41.3704, 19.8720.



This preview shows how white text looks on a background with the XYZ color 43.6514, 41.3704,

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

43.6514, 41.3704, 19.8720

Protanopia

38.6072, 41.7484, 21.3527

Deuteranopia

42.4035, 41.5271, 19.6905



Tritanopia

48.1195, 41.4115, 41.5334

Trichromacy



Original Color

43.6514, 41.3704, 19.8720

Protanomaly

40.3459, 41.5294, 20.9284

Deuteranomaly

42.7933, 41.4613, 19.6573

Tritanomaly

46.2511, 41.4035, 32.3420

Monochromacy



Original Color

43.6514, 41.3704, 19.8720

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

40.1665, 40.8666, 34.2048

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6514, 41.3704, 19.8720 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, 162, 108)` looks like.

```
.text, #text, p{  
    color:rgb(215, 162, 108)  
}
```

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, 162, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 162, 108) }
```

Border

The CSS property to change the border of an element to XYZ 43.6514, 41.3704, 19.8720 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, 162, 108) }
```


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

```
.border{ border-color:rgb(215, 162, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 162, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 162, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 162, 108);  
box-shadow:4px 4px 4px 4px rgb(215, 162,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6514, 41.3704, 19.8720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 162, 108) }
```

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

```
.background{ background-color: rgb(215,  
162, 108) }
```

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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