

Converting Colors

XYZ(41.5235, 44.1300, 19.3935)

Have a look what the booklet for
XYZ(41.5235, 44.1300, 19.3935)
contains.

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Color

**XYZ(41.5772, 44.1923,
19.4353)**

Conversions

Conversions Part 1

Format	Color
Hex	C7B068
RGB	199, 176, 104
RGB Percent	78%, 69%, 41%
CMY	0.2196, 0.3098, 0.5921
CMYK	0.00, 0.12, 0.48, 0.22
HSL	45°, 46%, 59%
HSV	45°, 48%, 78%
XYZ	41.5772, 44.1923, 19.4353
YIQ	174.6690, 36.8200, -17.5160

Conversions

Conversions Part 2

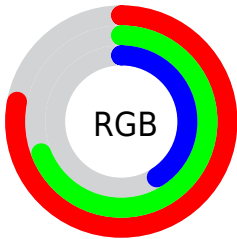
Format	Color
RYB	134, 199, 104
Decimal	13086824
CIELab	72.36, -1.29, 39.73
CIELCh	72, 39.751, 91.864
Yxy	44.1923, 0.3952, 0.4201
Android (android.graphics.Color)	4291276904 (0xFFC7B068)
YUV	174.6690, -34.8398, 21.3383
Hunter-Lab	66.4773, -4.6952, 29.2001

Details

The XYZ color **41.5772, 44.1923, 19.4353** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **23.6068, 22.2444, 57.0820**, and the grayscale version is **40.7384, 42.8600, 46.6745**.

A 20% lighter version of the original color is **75.8167, 80.8121, 43.0548**, and **19.2249, 20.5308, 6.5640** is the 20% darker color. If you saturate the color by 10%, you get **39.7559, 41.9809, 14.4162**, and if you desaturate by 10%, it is **43.6727, 46.5703, 25.7235**.

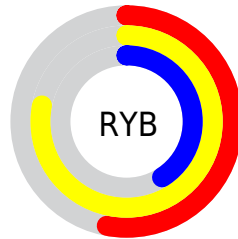
Distribution



Red (78%)

Green (69%)

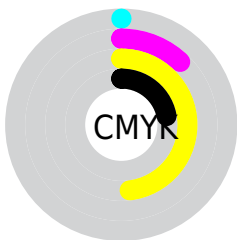
Blue (41%)



Red (53%)

Yellow (78%)

Blue (41%)

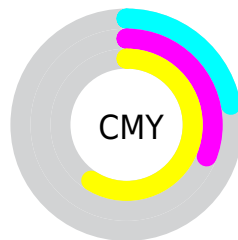


Cyan (0%)

Magenta (12%)

Yellow (48%)

Black (22%)



Cyan (22%)

Magenta (31%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.5772, 44.1923, 19.4353 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 41.5772, 44.1923, 19.4353 by changing the saturation by 10% instead.

■ 41.5772, 44.1923,
19.4353

■ 41.5772, 44.1923,
19.4353

343.7488,
363.4924, 261.3438

■ 28.9600, 30.8217,
11.8052

■ 76.8285, 81.5070,
43.3148

■ 19.1947, 20.4631,
6.4903

■ 100.1934,
106.2200, 60.4014

■ 11.9159, 12.7321,
3.0719

■ 127.8715,
135.4825, 81.4772

■ 6.7582, 7.2444,
1.1314

■ 160.2283,
169.6789, 106.9608

■ 3.3563, 3.6154,
0.0000

197.6290,
209.1938, 137.2707

■ 1.3449, 1.4608,
0.0000

240.4391,

■ 0.2164, 0.2609,

254.4114, 172.8254

0.0000

289.0239,
305.7161, 214.0436

■ 0.0000, 0.0000,
0.0000

■ 41.5772, 44.1923,
19.4353

■ 41.5772, 44.1923,
19.4353

■ 39.7559, 41.9809,
14.4162

■ 43.6727, 46.5703,
25.7235

■ 38.1882, 39.9224,
10.5737

■ 46.0549, 49.1155,
33.3591

■ 36.8555, 38.0104,
7.8070

■ 48.7394, 51.8363,
42.4176

■ 35.7349, 36.2352,
5.9969

■ 51.7394, 54.7386,
52.9675

■ 34.7932, 34.5829,
4.9707

■ 55.0675, 57.8278,
65.0735

■ 34.5926, 34.2211,
4.7821

■ 58.7355, 61.1092,
78.7960

■ 62.7546, 64.5879,
94.1923

■ 65.7865, 67.7289,
104.2134

■ 67.0277, 70.2113,
104.6271

Harmonies

Analogous

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



48.5161, 44.1923, 21.9586



41.5772, 44.1923, 19.4353



35.4359, 44.1923, 22.6927

Triad

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



41.5772, 44.1923, 19.4353



31.7940, 44.1923, 70.8673



54.7018, 44.1923, 68.1563

Complementary

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



41.5772, 44.1923, 19.4353



23.6068, 22.2444, 57.0820

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.



49.3362, 44.1923, 87.7227



41.5772, 44.1923, 19.4353



36.1014, 44.1923, 89.5635

Square

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



41.5772, 44.1923, 19.4353



30.1817, 44.1923, 49.3532



42.4326, 44.1923, 96.4375



56.5679, 44.1923, 46.9034

Rectangle

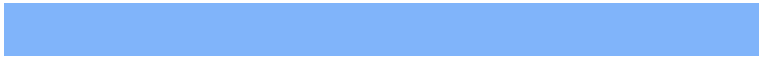
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



41.5772, 44.1923, 19.4353



32.4846, 44.1923, 28.4038



42.4326, 44.1923, 96.4375



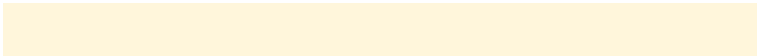
53.2209, 44.1923, 75.3285

Sweetspot

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



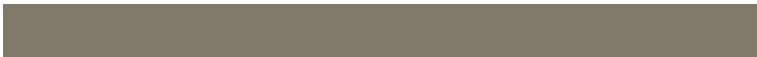
41.5783, 44.1944, 19.4362



87.1307, 92.5203, 80.4910



32.3835, 23.5951, 23.1839



18.4102, 19.5689, 16.3949



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.



41.5783, 44.1944, 19.4362



69.5809, 73.4691, 25.1658



40.6575, 50.9891, 20.7962



11.2980, 11.9652, 11.2768



22.3150, 22.1472, 3.0987



1.1104, 1.1563, 0.1647

Inverse Universe

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



23.6068, 22.2444, 57.0820



34.5367, 30.7121, 98.7155



24.1240, 18.5945, 56.3502



10.2617, 10.6975, 13.4415



7.3709, 4.1358, 35.1542



0.4077, 0.3131, 1.6841

Previews

White Background



This preview shows how the XYZ color 41.5772, 44.1923, 19.4353 looks on a white background.

Color Contrast Check

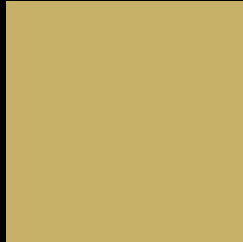
Large Text (above 18pt) WCAG AA × Fail

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 41.5772, 44.1923, 19.4353 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 41.5772, 44.1923, 19.4353

Background



This preview shows how black text looks on a background with the XYZ color 41.5772, 44.1923, 19.4353.

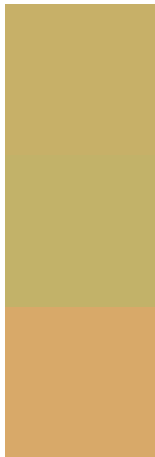


This preview shows how white text looks on a background with the XYZ color 41.5772, 44.1923,

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

41.5772, 44.1923, 19.4353

Protanopia

40.7183, 44.3300, 19.7751

Deuteranopia

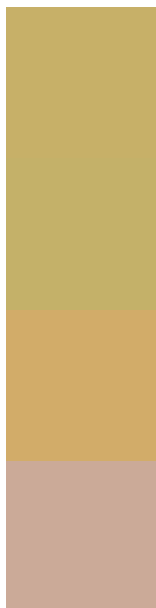
45.0567, 43.9948, 19.4817



Tritanopia

47.5105, 44.0545, 49.1793

Trichromacy



Original Color

41.5772, 44.1923, 19.4353

Protanomaly

41.0369, 44.2000, 19.7332

Deuteranomaly

43.8807, 44.2266, 19.5884

Tritanomaly

44.6708, 43.7130, 35.7888

Monochromacy



Original Color

41.5772, 44.1923, 19.4353

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.5220, 43.0202, 34.6018

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5772, 44.1923, 19.4353 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(199, 176, 104)` looks like.

```
.text, #text, p{  
    color:rgb(199, 176, 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(199, 176, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 176, 104) }
```

Border

The CSS property to change the border of an element to XYZ 41.5772, 44.1923, 19.4353 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(199, 176, 104) }
```


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

```
.border{ border-color:rgb(199, 176, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 176, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 176, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 176, 104);  
box-shadow:4px 4px 4px 4px rgb(199, 176,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5772, 44.1923, 19.4353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 176, 104) }
```

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

```
.background{ background-color: rgb(199,  
176, 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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