

Converting Colors

XYZ(41.2185, 44.1483, 24.3887)

Have a look what the booklet for
XYZ(41.2185, 44.1483, 24.3887)
contains.

XYZ(41.1656, 44.1622, 24.4437)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(41.1656, 44.1622,
24.4437)**

Conversions

Conversions Part 1

Format	Color
Hex	C1B179
RGB	193, 177, 121
RGB Percent	76%, 69%, 47%
CMY	0.2431, 0.3059, 0.5255
CMYK	0.00, 0.08, 0.37, 0.24
HSL	47°, 37%, 62%
HSV	47°, 37%, 76%
XYZ	41.1656, 44.1622, 24.4437
YIQ	175.4000, 27.5120, -14.0240

Conversions

Conversions Part 2

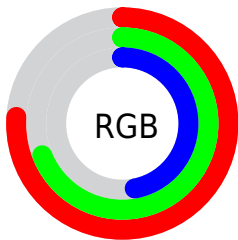
Format	Color
RYB	142, 193, 121
Decimal	12693881
CIELab	72.34, -2.46, 30.75
CIELCh	72, 30.850, 94.579
Yxy	44.1622, 0.3750, 0.4023
Android (android.graphics.Color)	4290883961 (0xFFC1B179)
YUV	175.4000, -26.8192, 15.4352
Hunter-Lab	66.4546, -5.7231, 24.7099

Details

The XYZ color **41.1656, 44.1622, 24.4437** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **26.4562, 25.8057, 54.0385**, and the grayscale version is **41.0805, 43.2199, 47.0665**.

A 20% lighter version of the original color is **76.2032, 81.6578, 51.7896**, and **18.9522, 20.5254, 8.9242** is the 20% darker color. If you saturate the color by 10%, you get **39.2652, 42.0697, 18.5438**, and if you desaturate by 10%, it is **43.3316, 46.4067, 31.6014**.

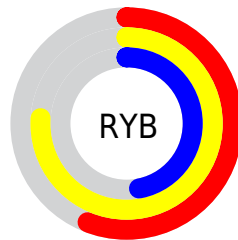
Distribution



Red (76%)

Green (69%)

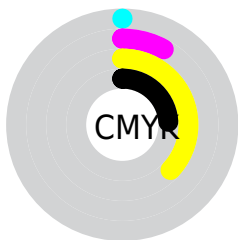
Blue (47%)



Red (56%)

Yellow (76%)

Blue (47%)

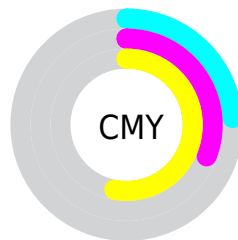


Cyan (0%)

Magenta (8%)

Yellow (37%)

Black (24%)



Cyan (24%)


Magenta (31%)


Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.1656, 44.1622, 24.4437 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 41.1656, 44.1622, 24.4437 by changing the saturation by 10% instead.


 41.1656, 44.1622,
24.4437


 41.1656, 44.1622,
24.4437


342.0630,
363.3698, 288.4145


 28.6367, 30.7980,
15.4478


 76.2083, 81.4618,
51.7062

 18.9491, 20.4451,
8.9842


 99.4529, 106.1660,
70.8099

 11.7373, 12.7190,
4.6342


 127.0001,
135.4189, 94.1199

 6.6360, 7.2353,
1.9793

159.2153,
169.6051, 122.0549

 3.2798, 3.6097,
0.5425

196.4639,
209.1089, 155.0333

 1.3034, 1.4577,
0.0000

239.1111,

 0.1858, 0.2587,

254.3147, 193.4737

0.0000

287.5224,
305.6068, 237.7946

■ 0.0000, 0.0000,
0.0000

■ 41.1656, 44.1622,
24.4437

■ 41.1656, 44.1622,
24.4437

■ 39.2652, 42.0697,
18.5438

■ 43.3316, 46.4067,
31.6014

■ 37.6127, 40.1170,
13.8240

■ 45.7732, 48.8028,
40.0828

■ 36.1933, 38.2993,
10.2025

■ 48.5039, 51.3578,
49.9524

■ 34.9888, 36.6091,
7.5856

■ 51.5350, 54.0768,
61.2699

■ 33.9784, 35.0374,
5.8638

■ 54.8775, 56.9643,
74.0912

■ 33.1324, 33.5721,
4.8832

■ 58.5417, 60.0250,
88.4695

■ 32.9184, 33.1897,
4.6713

■ 62.3595, 63.1919,
103.5183

■ 63.4126, 65.2980,
103.8693

■ 64.4941, 67.4610,
104.2298

Harmonies

Analogous

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



46.5086, 44.1622, 26.2281



41.1656, 44.1622, 24.4437



36.4466, 44.1622, 27.8163

Triad

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



41.1656, 44.1622, 24.4437



34.1224, 44.1622, 66.6480



51.8805, 44.1622, 61.7505

Complementary

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



41.1656, 44.1622, 24.4437



26.4562, 25.8057, 54.0385

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.



48.0356, 44.1622, 76.3784



41.1656, 44.1622, 24.4437



37.7457, 44.1622, 79.5982

Square

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



41.1656, 44.1622, 24.4437



32.6040, 44.1622, 50.4557



42.7946, 44.1622, 83.4884



52.9885, 44.1622, 45.7900

Rectangle

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



41.1656, 44.1622, 24.4437



34.1974, 44.1622, 33.0602



42.7946, 44.1622, 83.4884



50.8502, 44.1622, 67.0863

Sweetspot

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



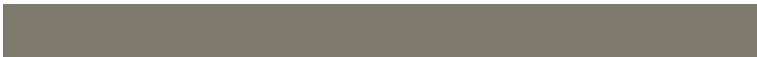
41.1667, 44.1642, 24.4446



84.9170, 90.1785, 82.3270



33.4029, 26.8419, 27.3899



18.0736, 19.2119, 17.1410



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.1667, 44.1642, 24.4446



70.8388, 75.9303, 34.7570



39.9323, 48.4961, 25.3458



10.7175, 11.3664, 10.6909



21.9562, 22.1981, 3.1274



0.9967, 1.0551, 0.1511

Inverse Universe

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



26.4562, 25.8057, 54.0385



40.6250, 38.2434, 95.6008



27.3124, 23.1184, 53.4747



9.7058, 10.1028, 12.7233



7.0237, 3.8039, 33.9207



0.3566, 0.2705, 1.4833

Previews

White Background



This preview shows how the XYZ color 41.1656, 44.1622, 24.4437 looks on a white background.

Color Contrast Check

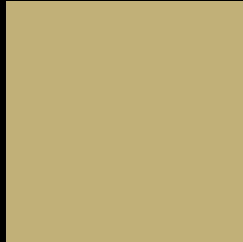
Large Text (above 18pt) WCAG AA × Fail

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 41.1656, 44.1622, 24.4437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

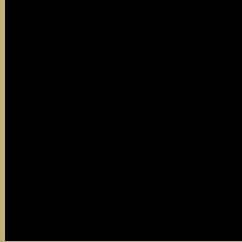
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.1656, 44.1622, 24.4437

Background



This preview shows how black text looks on a background with the XYZ color 41.1656, 44.1622, 24.4437.



This preview shows how white text looks on a background with the XYZ color 41.1656, 44.1622,

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

41.1656, 44.1622, 24.4437

Protanopia

40.9116, 44.0312, 24.4318

Deuteranopia

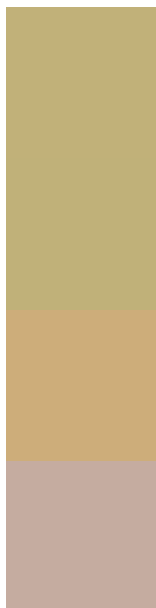
45.1013, 44.1766, 24.8887



Tritanopia

46.4509, 44.0327, 50.3069

Trichromacy



Original Color

41.1656, 44.1622, 24.4437

Protanomaly

40.9116, 44.0312, 24.4318

Deuteranomaly

43.6333, 44.2714, 24.6579

Tritanomaly

44.1236, 43.9134, 39.4083

Monochromacy



Original Color

41.1656, 44.1622, 24.4437

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.7331, 43.3623, 37.2332

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1656, 44.1622, 24.4437 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(193, 177, 121)` looks like.

```
.text, #text, p{  
    color:rgb(193, 177, 121)  
}
```

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(193, 177, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 177, 121) }
```

Border

The CSS property to change the border of an element to XYZ 41.1656, 44.1622, 24.4437 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(193, 177, 121) }
```


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

```
.border{ border-color:rgb(193, 177, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 177, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 177, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 177, 121);  
box-shadow:4px 4px 4px 4px rgb(193, 177,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1656, 44.1622, 24.4437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 177, 121) }
```

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

```
.background{ background-color: rgb(193,  
177, 121) }
```

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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