

Converting Colors

XYZ(41.4575, 44.1148, 20.9850)

Have a look what the booklet for
XYZ(41.4575, 44.1148, 20.9850)
contains.

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Color

**XYZ(41.3658, 44.0468,
21.0735)**

Conversions

Conversions Part 1

Format	Color
Hex	C5B06E
RGB	197, 176, 110
RGB Percent	77%, 69%, 43%
CMY	0.2275, 0.3098, 0.5686
CMYK	0.00, 0.11, 0.44, 0.23
HSL	46°, 43%, 60%
HSV	46°, 44%, 77%
XYZ	41.3658, 44.0468, 21.0735
YIQ	174.7550, 33.7020, -16.0740

Conversions

Conversions Part 2

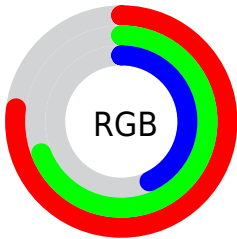
Format	Color
RYB	138, 197, 110
Decimal	12955758
CIELab	72.26, -1.52, 36.48
CIELCh	72, 36.515, 92.384
Yxy	44.0468, 0.3885, 0.4136
Android (android.graphics.Color)	4291145838 (0xFFC5B06E)
YUV	174.7550, -31.9242, 19.5089
Hunter-Lab	66.3678, -4.8878, 27.6313

Details

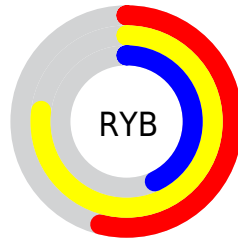
The XYZ color **41.3658, 44.0468, 21.0735** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **24.6245, 23.5780, 56.0765**, and the grayscale version is **40.7694, 42.8926, 46.7100**.

A 20% lighter version of the original color is **76.4268, 81.0562, 46.2676**, and **19.0345, 20.4149, 7.3521** is the 20% darker color. If you saturate the color by 10%, you get **39.4947, 41.8344, 15.7336**, and if you desaturate by 10%, it is **43.5102, 46.4240, 27.6818**.

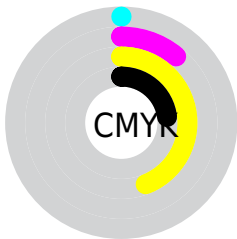
Distribution



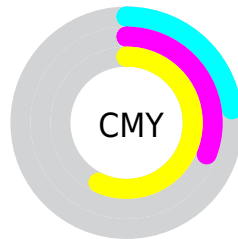
- Red (77%)
- Green (69%)
- Blue (43%)



- Red (54%)
- Yellow (77%)
- Blue (43%)



- Cyan (0%)
- Magenta (11%)
- Yellow (44%)
- Black (23%)



- Cyan (23%)
- Magenta (31%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.3658, 44.0468, 21.0735 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 41.3658, 44.0468, 21.0735 by changing the saturation by 10% instead.

■ 41.3658, 44.0468,
21.0735

■ 41.3658, 44.0468,
21.0735

342.8837,
362.8992, 270.4627

■ 28.7940, 30.7073,
12.9860

■ 76.5101, 81.2882,
46.0922

■ 19.0685, 20.3761,
7.2883

■ 99.8132, 105.9588,
63.8605

■ 11.8241, 12.6687,
3.5619

■ 127.4242,
135.1753, 85.6927

■ 6.6954, 7.2008,
1.3882

■ 159.7083,
169.3220, 112.0075

■ 3.3169, 3.5880,
0.1325

197.0310,
208.7834, 143.2233

■ 1.3235, 1.4459,
0.0000

239.7575,

■ 0.2007, 0.2502,

253.9438, 179.7588

0.0000

288.2533,
305.1876, 222.0324

■ 0.0000, 0.0000,
0.0000

■ 41.3658, 44.0468,
21.0735

■ 41.3658, 44.0468,
21.0735

■ 39.4947, 41.8344,
15.7336

■ 43.5102, 46.4240,
27.6818

■ 37.8773, 39.7736,
11.5752

■ 45.9395, 48.9662,
35.6324

■ 36.4964, 37.8586,
8.5045

■ 48.6684, 51.6816,
44.9967

■ 35.3310, 36.0805,
6.4124

■ 51.7097, 54.5757,
55.8402

■ 34.3557, 34.4284,
5.1667

■ 55.0753, 57.6538,
68.2243

■ 33.8462, 33.5107,
4.6843

■ 58.7766, 60.9210,
82.2069

■ 62.8242, 64.3819,
97.8429

■ 65.1321, 67.2027,
104.1463

■ 66.3532, 69.6449,
104.5534

Harmonies

Analogous

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



47.7057, 44.0468, 23.4111



41.3658, 44.0468, 21.0735



35.7348, 44.0468, 24.3127

Triad

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



41.3658, 44.0468, 21.0735



32.4876, 44.0468, 68.9290



53.4812, 44.0468, 65.8099

Complementary

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



41.3658, 44.0468, 21.0735



24.6245, 23.5780, 56.0765

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.



48.6594, 44.0468, 83.4228



41.3658, 44.0468, 21.0735



36.5219, 44.0468, 85.5169

Square

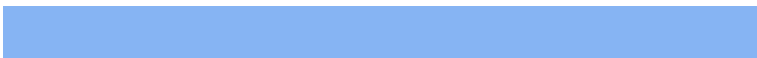
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



41.3658, 44.0468, 21.0735



30.9385, 44.0468, 49.4097



42.3685, 44.0468, 91.3863



55.1020, 44.0468, 46.5379

Rectangle

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



41.3658, 44.0468, 21.0735



33.0237, 44.0468, 29.8220



42.3685, 44.0468, 91.3863



52.1587, 44.0468, 72.2700

Sweetspot

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



41.3669, 44.0489, 21.0744



87.6655, 93.0475, 82.3414



32.7499, 24.6817, 24.7787



18.5168, 19.6753, 16.7593



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.



41.3669, 44.0489, 21.0744



70.8447, 75.0597, 28.4757



40.5163, 50.2013, 22.3068



11.2987, 11.9665, 11.2770



22.3298, 22.1768, 3.1036



1.1110, 1.1574, 0.1649

Inverse Universe

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



24.6245, 23.5780, 56.0765



37.0788, 33.8101, 99.1795



25.1311, 20.0690, 55.3725



10.2611, 10.6962, 13.4413



7.3670, 4.1279, 35.1528



0.4074, 0.3126, 1.6840

Previews

White Background



This preview shows how the XYZ color 41.3658, 44.0468, 21.0735 looks on a white background.

Color Contrast Check

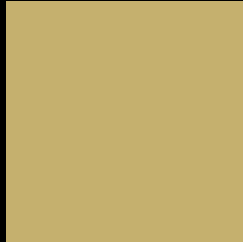
Large Text (above 18pt) WCAG AA × Fail

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 41.3658, 44.0468, 21.0735 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

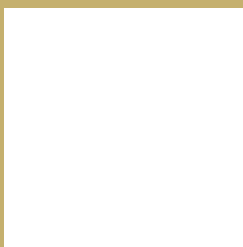
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.3658, 44.0468, 21.0735

Background



This preview shows how black text looks on a background with the XYZ color 41.3658, 44.0468, 21.0735.



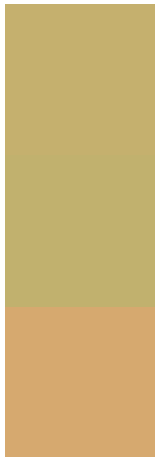
This preview shows how white text looks on a background with the XYZ color 41.3658, 44.0468,

21.0735.

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

41.3658, 44.0468, 21.0735

Protanopia

40.5289, 43.9075, 21.0907

Deuteranopia

44.7888, 43.8198, 21.1364



Tritanopia

46.9588, 43.7701, 49.1535

Trichromacy



Original Color

41.3658, 44.0468, 21.0735

Protanomaly

40.7847, 44.0394, 21.1027

Deuteranomaly

43.6342, 44.0626, 21.2441

Tritanomaly

44.3785, 43.5335, 37.0742

Monochromacy



Original Color

41.3658, 44.0468, 21.0735

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.4443, 42.9616, 35.4389

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3658, 44.0468, 21.0735 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(197, 176, 110)` looks like.

```
.text, #text, p{  
    color:rgb(197, 176, 110)  
}
```

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(197, 176, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 176, 110) }
```

Border

The CSS property to change the border of an element to XYZ 41.3658, 44.0468, 21.0735 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(197, 176, 110) }
```


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

```
.border{ border-color:rgb(197, 176, 110) }
```

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

Here you see how a box with a 4 pixel rgb(197, 176, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 176, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 176, 110);  
box-shadow:4px 4px 4px 4px rgb(197, 176,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3658, 44.0468, 21.0735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 176, 110) }
```

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

```
.background{ background-color: rgb(197,  
176, 110) }
```

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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