

Converting Colors

XYZ(41.3196, 47.8272, 22.4669)

Have a look what the booklet for
XYZ(41.3196, 47.8272, 22.4669)
contains.

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Color

**XYZ(41.3719, 48.0041,
22.4144)**

Conversions

Conversions Part 1

Format	Color
Hex	BABD70
RGB	186, 189, 112
RGB Percent	73%, 74%, 44%
CMY	0.2706, 0.2588, 0.5608
CMYK	0.02, 0.00, 0.41, 0.26
HSL	62°, 37%, 59%
HSV	62°, 41%, 74%
XYZ	41.3719, 48.0041, 22.4144
YIQ	179.3250, 22.9290, -24.5830

Conversions

Conversions Part 2

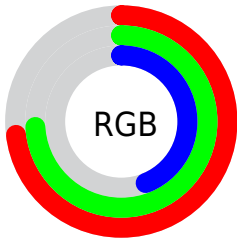
Format	Color
RYB	112, 189, 115
Decimal	12238192
CIELab	74.83, -12.57, 38.51
CIELCh	75, 40.507, 108.075
Yxy	48.0041, 0.3701, 0.4294
Android (android.graphics.Color)	4290428272 (0xFFBABD70)
YUV	179.3250, -33.1912, 5.8540
Hunter-Lab	69.2850, -14.6617, 29.3186

Details

The XYZ color **41.3719, 48.0041, 22.4144** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **22.0514, 18.9085, 50.6343**, and the grayscale version is **43.1852, 45.4342, 49.4779**.

A 20% lighter version of the original color is **76.4061, 87.0761, 48.3777**, and **19.0337, 22.7814, 7.9515** is the 20% darker color. If you saturate the color by 10%, you get **40.2499, 47.5364, 17.4336**, and if you desaturate by 10%, it is **42.7181, 48.5651, 28.5607**.

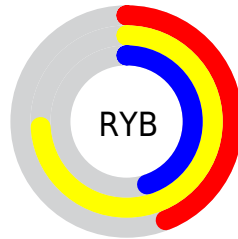
Distribution



Red (73%)

Green (74%)

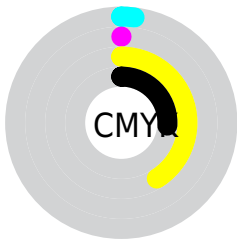
Blue (44%)



Red (44%)

Yellow (74%)

Blue (45%)

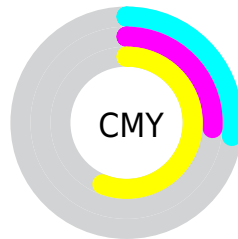


Cyan (2%)

Magenta (0%)

Yellow (41%)

Black (26%)



Cyan (27%)

Magenta (26%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.3719, 48.0041, 22.4144 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 41.3719, 48.0041, 22.4144 by changing the saturation by 10% instead.

■ 41.3719, 48.0041,
22.4144

■ 41.3719, 48.0041,
22.4144

342.9087,
378.8084, 277.7266

■ 28.7987, 33.8301,
13.9605

■ 76.5193, 87.2105,
48.3409

■ 19.0721, 22.7631,
7.9548

■ 99.8242, 113.0117,
66.6506

■ 11.8267, 14.4187,
3.9786

■ 127.4371,
143.4575, 89.0826

■ 6.6972, 8.4125,
1.6136

■ 159.7233,
178.9322, 116.0555

■ 3.3181, 4.3600,
0.3005

197.0483,
219.8203, 147.9878

■ 1.3241, 1.8769,
0.0000

239.7772,

■ 0.2012, 0.5344,

266.5061, 185.2980

0.0000

288.2756,
319.3740, 228.4048

■ 0.0000, 0.0000,
0.0000

■ 41.3719, 48.0041,
22.4144

■ 41.3719, 48.0041,
22.4144

■ 40.2499, 47.5364,
17.4336

■ 42.7181, 48.5651,
28.5607

■ 39.3346, 47.1497,
13.5418

■ 44.2978, 49.2178,
35.9363

■ 38.6117, 46.8401,
10.6583


■ 46.1237, 49.9691,
44.6044


■ 38.0635, 46.6005,
8.6899


■ 48.2070, 50.8235,
54.6226


■ 37.6690, 46.4225,
7.5261


■ 50.5579, 51.7851,
66.0452

 37.4026, 46.2973,
6.9649

 53.1862, 52.8577,
78.9236

 56.1011, 54.0450,
93.3063

 57.9617, 54.8108,
102.1324

 58.1488, 54.9072,
102.1411

Harmonies

Analogous

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



48.6158, 48.0041, 21.7799



41.3719, 48.0041, 22.4144



35.8797, 48.0041, 29.5820

Triad

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



41.3719, 48.0041, 22.4144



36.8030, 48.0041, 88.6261



60.9332, 48.0041, 61.1049

Complementary

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



41.3719, 48.0041, 22.4144



22.0514, 18.9085, 50.6343

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.



56.9955, 48.0041, 84.3219



41.3719, 48.0041, 22.4144



42.7623, 48.0041, 102.8436

Square

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



41.3719, 48.0041, 22.4144



33.4439, 48.0041, 65.8897



50.1631, 48.0041, 101.0850



60.4575, 48.0041, 40.6669

Rectangle

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



41.3719, 48.0041, 22.4144



33.7091, 48.0041, 38.5394



50.1631, 48.0041, 101.0850



60.0659, 48.0041, 68.9226

Sweetspot

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



41.3731, 48.0063, 22.4154



82.1004, 89.2832, 77.4822



29.9939, 24.1527, 18.4109



17.5602, 19.1608, 16.2087



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



41.3731, 48.0063, 22.4154



72.2595, 85.2068, 31.9892



33.3247, 43.8572, 22.0387



10.2844, 11.1010, 10.1773



25.1798, 31.1565, 4.6867



0.9978, 1.2264, 0.1841

Inverse Universe

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



22.0514, 18.9085, 50.6343



32.8991, 25.9178, 89.4949



28.1304, 22.0423, 50.9188



9.0500, 9.2426, 11.9792



6.2574, 2.5119, 32.5479



0.2570, 0.1045, 1.2755

Previews

White Background



This preview shows how the XYZ color 41.3719, 48.0041, 22.4144 looks on a white background.

Color Contrast Check

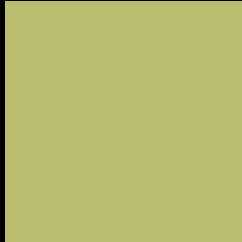
Large Text (above 18pt) WCAG AA × Fail

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 41.3719, 48.0041, 22.4144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

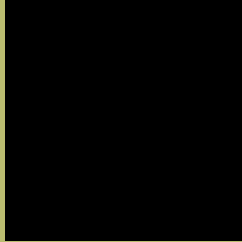
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.3719, 48.0041, 22.4144

Background



This preview shows how black text looks on a background with the XYZ color 41.3719, 48.0041, 22.4144.



This preview shows how white text looks on a background with the XYZ color 41.3719, 48.0041,

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

41.3719, 48.0041, 22.4144

Protanopia

44.0424, 47.8243, 21.6616

Deuteranopia

48.7440, 47.8181, 22.8804



Tritanopia

48.2514, 47.6926, 57.1145

Trichromacy



Original Color

41.3719, 48.0041, 22.4144

Protanomaly

43.1931, 48.0013, 22.0276

Deuteranomaly

45.8556, 47.8180, 22.7325

Tritanomaly

45.3726, 47.7538, 41.9480

Monochromacy



Original Color

41.3719, 48.0041, 22.4144

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.1413, 46.1786, 37.7026

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3719, 48.0041, 22.4144 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(186, 189, 112)` looks like.

```
.text, #text, p{  
    color:rgb(186, 189, 112)  
}
```

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(186, 189, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 189, 112) }
```

Border

The CSS property to change the border of an element to XYZ 41.3719, 48.0041, 22.4144 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(186, 189, 112) }
```


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

```
.border{ border-color:rgb(186, 189, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 189, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 189, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 189, 112);  
box-shadow:4px 4px 4px 4px rgb(186, 189,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3719, 48.0041, 22.4144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 189, 112) }
```

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

```
.background{ background-color: rgb(186,  
189, 112) }
```

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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