

Converting Colors

XYZ(42.2152, 44.4752, 41.7635)

Have a look what the booklet for
XYZ(42.2152, 44.4752, 41.7635)
contains.

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Color

**XYZ(42.2404, 44.6247,
41.9844)**

Conversions

Conversions Part 1

Format	Color
Hex	B7B2A5
RGB	183, 178, 165
RGB Percent	72%, 70%, 65%
CMY	0.2823, 0.3019, 0.3529
CMYK	0.00, 0.03, 0.10, 0.28
HSL	43°, 11%, 68%
HSV	43°, 10%, 72%
XYZ	42.2404, 44.6247, 41.9844
YIQ	178.0130, 7.1530, -2.9830

Conversions

Conversions Part 2

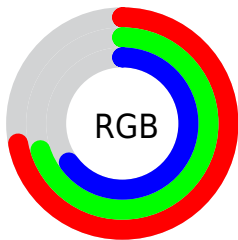
Format	Color
RYB	172, 183, 165
Decimal	12038821
CIELab	72.64, -0.52, 7.26
CIELCh	73, 7.283, 94.120
Yxy	44.6247, 0.3278, 0.3463
Android (android.graphics.Color)	4290228901 (0xFFB7B2A5)
YUV	178.0130, -6.4154, 4.3736
Hunter-Lab	66.8017, -4.0330, 9.4979

Details

The XYZ color **42.2404, 44.6247, 41.9844** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **38.4390, 40.1670, 50.5274**, and the grayscale version is **42.3551, 44.5608, 48.5267**.

A 20% lighter version of the original color is **77.9377, 82.3637, 79.5002**, and **19.5202, 20.6053, 18.5712** is the 20% darker color. If you saturate the color by 10%, you get **39.7008, 42.0229, 33.4998**, and if you desaturate by 10%, it is **45.0582, 47.4007, 51.7388**.

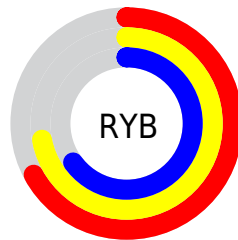
Distribution



Red (72%)

Green (70%)

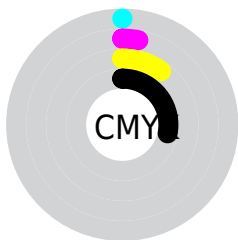
Blue (65%)



Red (67%)

Yellow (72%)

Blue (65%)

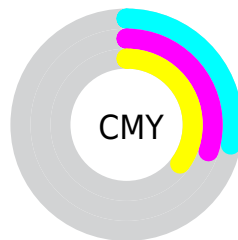


Cyan (0%)

Magenta (3%)

Yellow (10%)

Black (28%)



Cyan (28%)

Magenta (30%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.2404, 44.6247, 41.9844 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 42.2404, 44.6247, 41.9844 by changing the saturation by 10% instead.

■ 42.2404, 44.6247,
41.9844

■ 42.2404, 44.6247,
41.9844

346.4532,
365.2515, 370.2160

■ 29.4815, 31.1619,
28.7636

■ 77.8262, 82.1569,
79.4459

■ 19.5915, 20.7222,
18.6580

■ 101.3838,
106.9952, 104.5236

■ 12.2050, 12.9211,
11.2491

129.2718,
136.3941, 134.3907

■ 6.9566, 7.3742,
6.1184

161.8553,
170.7380, 169.4657

■ 3.4811, 3.6972,
2.8472

199.4999,
210.4112, 210.1673

■ 1.4130, 1.5057,
1.0172

242.5709,

■ 0.2654, 0.2927,

255.7983, 256.9138

0.0000

291.4335,
307.2836, 310.1239

■ 0.0000, 0.0000,
0.0000

■ 42.2404, 44.6247,
41.9844

■ 42.2404, 44.6247,
41.9844

■ 39.7008, 42.0229,
33.4998

■ 45.0582, 47.4007,
51.7388

■ 37.4254, 39.5845,
26.2288

■ 48.1605, 50.3495,
62.8101

■ 35.4042, 37.3064,
20.1155

■ 51.5579, 53.4774,
75.2466

■ 33.6250, 35.1831,
15.0984

■ 55.2592, 56.7887,
89.0932

■ 32.0747, 33.2086,
11.1101

■ 59.0301, 60.1903,
103.1144

■ 30.7387, 31.3764,
8.0758

■ 60.2527, 62.6354,
103.5219

■ 29.6005, 29.6792,
5.9106

■ 61.5149, 65.1599,
103.9427

■ 28.6406, 28.1085,
4.5143

■ 62.8173, 67.7646,
104.3768

■ 27.8204, 26.6482,
3.6860

■ 64.1600, 70.4501,
104.8244

Harmonies

Analogous

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



43.4819, 44.6247, 42.6031



42.2404, 44.6247, 41.9844



41.0684, 44.6247, 43.0620

Triad

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



42.2404, 44.6247, 41.9844



40.4380, 44.6247, 52.5902



44.6343, 44.6247, 51.6842

Complementary

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



42.2404, 44.6247, 41.9844



38.4390, 40.1670, 50.5274

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.



43.7896, 44.6247, 54.5692



42.2404, 44.6247, 41.9844



41.3646, 44.6247, 55.1102

Square

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



42.2404, 44.6247, 41.9844



40.0409, 44.6247, 49.0895



42.5890, 44.6247, 55.8517



44.8799, 44.6247, 48.0913

Rectangle

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



42.2404, 44.6247, 41.9844



40.4794, 44.6247, 44.6302



42.5890, 44.6247, 55.8517



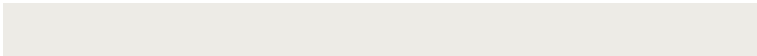
44.4102, 44.6247, 52.7746

Sweetspot

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



42.2416, 44.6267, 41.9854



79.0216, 83.2625, 86.7954



40.2493, 39.8842, 43.6575



17.3624, 18.3010, 18.8539



88.6918, 93.3107, 101.6153



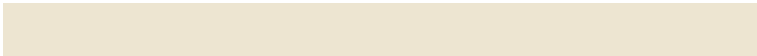
17.8044, 18.7317, 20.3988

Same Dimension

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



42.2416, 44.6267, 41.9854



74.5343, 78.7959, 71.4026



42.3391, 46.1798, 42.2800



9.5337, 10.0704, 9.5482



19.4586, 18.6936, 2.5826



0.7351, 0.7573, 0.1074

Inverse Universe

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



38.4390, 40.1670, 50.5274



66.2231, 69.0490, 90.0732



38.3437, 38.7538, 50.2596



8.7186, 9.1145, 11.3792



6.8331, 4.1258, 31.6893



0.2947, 0.2531, 1.1351

Previews

White Background



This preview shows how the XYZ color 42.2404, 44.6247, 41.9844 looks on a white background.

Color Contrast Check

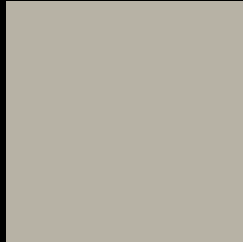
Large Text (above 18pt) WCAG AA × Fail

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 42.2404, 44.6247, 41.9844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

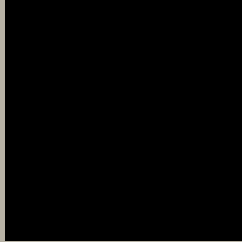
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

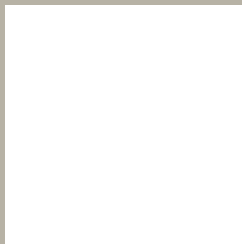
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.2404, 44.6247, 41.9844

Background



This preview shows how black text looks on a background with the XYZ color 42.2404, 44.6247, 41.9844.



This preview shows how white text looks on a background with the XYZ color 42.2404, 44.6247,

41.9844.

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

42.2404, 44.6247, 41.9844

Protanopia

42.7195, 44.8717, 42.0069

Deuteranopia

45.4549, 44.5376, 42.2773



Tritanopia

44.6568, 44.7299, 53.8570

Trichromacy



Original Color

42.2404, 44.6247, 41.9844

Protanomaly

42.4791, 44.7477, 41.9956

Deuteranomaly

44.2671, 44.4946, 42.3316

Tritanomaly

43.7711, 44.6602, 49.4933

Monochromacy



Original Color

42.2404, 44.6247, 41.9844

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.2856, 44.5612, 45.9076

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.2404, 44.6247, 41.9844 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(183, 178, 165)` looks like.

```
.text, #text, p{  
    color:rgb(183, 178, 165)  
}
```

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(183, 178, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 178, 165) }
```

Border

The CSS property to change the border of an element to XYZ 42.2404, 44.6247, 41.9844 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(183, 178, 165) }
```


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

```
.border{ border-color:rgb(183, 178, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 178, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 178, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 178, 165);  
box-shadow:4px 4px 4px 4px rgb(183, 178,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 42.2404, 44.6247, 41.9844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 178, 165) }
```

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

```
.background{ background-color: rgb(183,  
178, 165) }
```

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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