

Converting Colors

XYZ(42.0106, 44.5675, 38.9211)

Have a look what the booklet for
XYZ(42.0106, 44.5675, 38.9211)
contains.

XYZ(42.0995, 44.6237, 38.7421)	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(42.0995, 44.6237,
38.7421)**

Conversions

Conversions Part 1

Format	Color
Hex	B9B29E
RGB	185, 178, 158
RGB Percent	73%, 70%, 62%
CMY	0.2745, 0.3019, 0.3804
CMYK	0.00, 0.04, 0.15, 0.27
HSL	44°, 16%, 67%
HSV	44°, 15%, 73%
XYZ	42.0995, 44.6237, 38.7421
YIQ	177.8130, 10.5920, -4.7360

Conversions

Conversions Part 2

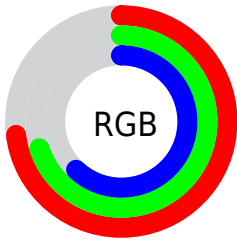
Format	Color
RYB	167, 185, 158
Decimal	12169886
CIELab	72.64, -0.95, 11.11
CIELCh	73, 11.151, 94.862
Yxy	44.6237, 0.3355, 0.3557
Android (android.graphics.Color)	4290359966 (0xFFB9B29E)
YUV	177.8130, -9.7678, 6.3030
Hunter-Lab	66.8010, -4.4069, 12.3747

Details

The XYZ color **42.0995, 44.6237, 38.7421** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **36.3125, 37.6813, 51.2586**, and the grayscale version is **42.2651, 44.4662, 48.4237**.

A 20% lighter version of the original color is **77.7087, 82.3505, 74.7503**, and **19.5032, 20.6343, 16.8648** is the 20% darker color. If you saturate the color by 10%, you get **39.6887, 42.1613, 30.6647**, and if you desaturate by 10%, it is **44.7858, 47.2526, 48.0951**.

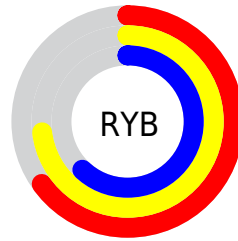
Distribution



Red (73%)

Green (70%)

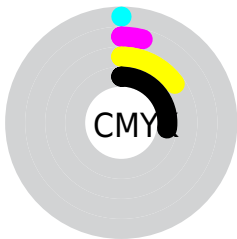
Blue (62%)



Red (65%)

Yellow (73%)

Blue (62%)

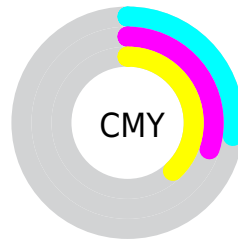


Cyan (0%)

Magenta (4%)

Yellow (15%)

Black (27%)



Cyan (27%)

Magenta (30%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.0995, 44.6237, 38.7421 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 42.0995, 44.6237, 38.7421 by changing the saturation by 10% instead.

■ 42.0995, 44.6237,
38.7421

■ 42.0995, 44.6237,
38.7421

345.8798,
365.2474, 356.1859

■ 29.3707, 31.1611,
26.2529

■ 77.6144, 82.1554,
74.4602

■ 19.5071, 20.7216,
16.7854

■ 101.1312,
106.9934, 98.5261

■ 12.1434, 12.9206,
9.9213

128.9747,
136.3920, 127.2880

■ 6.9143, 7.3739,
5.2419

161.5102,
170.7355, 161.1644

■ 3.4544, 3.6970,
2.3287

199.1031,
210.4084, 200.5738

■ 1.3984, 1.5056,
0.7472

242.1188,

■ 0.2551, 0.2926,

255.7951, 245.9349

0.0000

290.9226,
307.2800, 297.6661

0.0000, 0.0000,
0.0000

42.0995, 44.6237,
38.7421

42.0995, 44.6237,
38.7421

39.6887, 42.1613,
30.6647

44.7858, 47.2526,
48.0951

37.5388, 39.8545,
23.8038

47.7543, 50.0468,
58.7737

35.6392, 37.7001,
18.0996

51.0161, 53.0127,
70.8287

33.9770, 35.6924,
13.4863

54.5803, 56.1545,
84.3073

32.5381, 33.8252,
9.8914

58.4559, 59.4762,
99.2545

■ 31.3068, 32.0915,
7.2337

■ 60.3139, 62.0468,
103.4051

■ 30.2648, 30.4836,
5.4191

■ 61.4913, 64.4015,
103.7975

■ 29.3904, 28.9920,
4.3342

■ 62.7042, 66.8274,
104.2018

■ 28.9625, 28.2240,
3.9213

■ 63.9530, 69.3249,
104.6181

Harmonies

Analogous

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



44.0107, 44.6237, 39.5813



42.0995, 44.6237, 38.7421



40.3260, 44.6237, 40.3729

Triad

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



42.0995, 44.6237, 38.7421



39.4387, 44.6237, 54.9240



45.8650, 44.6237, 53.2471

Complementary

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



42.0995, 44.6237, 38.7421



36.3125, 37.6813, 51.2586

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.



44.5718, 44.6237, 57.8473



42.0995, 44.6237, 38.7421



40.8554, 44.6237, 58.8659

Square

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



42.0995, 44.6237, 38.7421



38.8198, 44.6237, 49.4947



42.7290, 44.6237, 59.9740



46.2224, 44.6237, 47.6917

Rectangle

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



42.0995, 44.6237, 38.7421



39.4485, 44.6237, 42.7198



42.7290, 44.6237, 59.9740



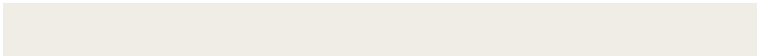
45.5234, 44.6237, 54.9695

Sweetspot

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



42.1007, 44.6257, 38.7431



80.4787, 84.8856, 87.0883



39.0447, 37.4925, 40.8723



17.2676, 18.2210, 18.4840



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.



42.1007, 44.6257, 38.7431



73.7472, 78.2571, 63.7740



42.0420, 46.7149, 39.1494



9.5479, 10.0988, 9.5529



19.7821, 19.3405, 2.6905



0.7444, 0.7759, 0.1105

Inverse Universe

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



36.3125, 37.6813, 51.2586



61.0840, 63.0656, 91.1580



36.3562, 35.8816, 50.9089



8.7053, 9.0878, 11.3747



6.7318, 3.9233, 31.6555



0.2891, 0.2419, 1.1332

Previews

White Background



This preview shows how the XYZ color 42.0995, 44.6237, 38.7421 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 42.0995, 44.6237, 38.7421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

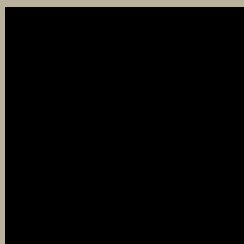
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

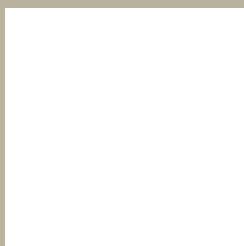
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.0995, 44.6237, 38.7421

Background



This preview shows how black text looks on a background with the XYZ color 42.0995, 44.6237, 38.7421.

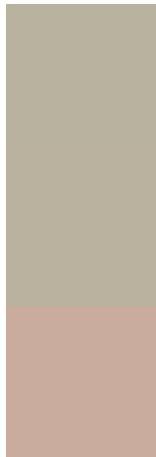


This preview shows how white text looks on a background with the XYZ color 42.0995, 44.6237,

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

42.0995, 44.6237, 38.7421

Protanopia

42.3416, 44.7485, 38.7534

Deuteranopia

45.3677, 44.5648, 39.0116



Tritanopia

45.0920, 44.6788, 53.2610

Trichromacy



Original Color

42.0995, 44.6237, 38.7421

Protanomaly

42.3416, 44.7485, 38.7534

Deuteranomaly

44.1590, 44.5111, 39.0650

Tritanomaly

43.9055, 44.4859, 47.3469

Monochromacy



Original Color

42.0995, 44.6237, 38.7421

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.3271, 44.6048, 44.9068

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.0995, 44.6237, 38.7421 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(185, 178, 158)` looks like.

```
.text, #text, p{  
    color:rgb(185, 178, 158)  
}
```

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(185, 178, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 178, 158) }
```

Border

The CSS property to change the border of an element to XYZ 42.0995, 44.6237, 38.7421 is called "border". The border property can be set on classes, ids or directly on the HTML element.

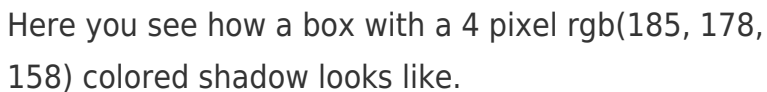
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 178, 158) }
```


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

```
.border{ border-color:rgb(185, 178, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 178, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 178, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 178, 158); box-shadow:4px 4px 4px 4px rgb(185, 178, 158) }
```

Background

The CSS property to change the background color of an element to XYZ 42.0995, 44.6237, 38.7421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 178, 158) }
```

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

```
.background{ background-color: rgb(185,  
178, 158) }
```

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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