

Converting Colors

XYZ(41.9532, 42.2051, 37.6072)

Have a look what the booklet for
XYZ(41.9532, 42.2051, 37.6072)
contains.

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Color

**XYZ(41.8613, 42.2261,
37.3966)**

Conversions

Conversions Part 1

Format	Color
Hex	BFAA9C
RGB	191, 170, 156
RGB Percent	75%, 67%, 61%
CMY	0.2510, 0.3333, 0.3882
CMYK	0.00, 0.11, 0.18, 0.25
HSL	24°, 21%, 68%
HSV	24°, 18%, 75%
XYZ	41.8613, 42.2261, 37.3966
YIQ	174.6830, 17.0100, 0.0980

Conversions

Conversions Part 2

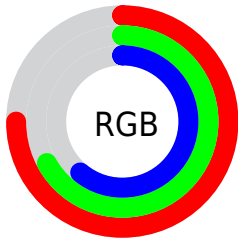
Format	Color
RYB	191, 179, 156
Decimal	12561052
CIELab	71.03, 5.30, 9.98
CIELCh	71, 11.305, 62.020
Yxy	42.2261, 0.3446, 0.3476
Android (android.graphics.Color)	4290751132 (0xFFBFAA9C)
YUV	174.6830, -9.2107, 14.3100
Hunter-Lab	64.9816, 1.2723, 11.3660

Details

The XYZ color **41.8613, 42.2261, 37.3966** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.8361, 42.2727, 55.4030**, and the grayscale version is **40.6246, 42.7402, 46.5441**.

A 20% lighter version of the original color is **77.2695, 78.4600, 72.0445**, and **19.3448, 19.2952, 16.0694** is the 20% darker color. If you saturate the color by 10%, you get **38.3146, 37.5204, 28.8526**, and if you desaturate by 10%, it is **45.8519, 47.4118, 47.3444**.

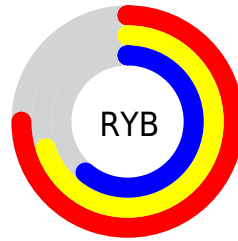
Distribution



Red (75%)

Green (67%)

Blue (61%)



Red (75%)

Yellow (70%)

Blue (61%)

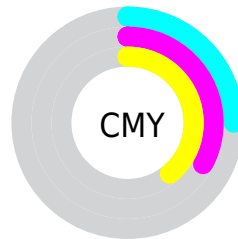


Cyan (0%)

Magenta (11%)

Yellow (18%)

Black (25%)



Cyan (25%)


Magenta (33%)

Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.8613, 42.2261, 37.3966 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 41.8613, 42.2261, 37.3966 by changing the saturation by 10% instead.


 41.8613, 42.2261,
37.3966

 41.8613, 42.2261,
37.3966


344.9091,
355.4194, 350.2447

 29.1833, 29.2784,
25.2165


 77.2561, 78.5417,
72.3755

 19.3645, 19.2915,
16.0180


 100.7037,
102.6784, 96.0113

 12.0395, 11.8811,
9.3824


128.4719,
131.3135, 124.3029

 6.8430, 6.6628,
4.8912

160.9260,
164.8314, 157.6686

 3.4096, 3.2521,
2.1260

198.4315,
203.6166, 196.5272

 1.3739, 1.2647,
0.6312

241.3535,

 0.2375, 0.1136,

248.0534, 241.2970

0.0000

290.0576,
298.5261, 292.3966

■ 0.0000, 0.0000,
0.0000

■ 41.8613, 42.2261,
37.3966

■ 41.8613, 42.2261,
37.3966

■ 38.3146, 37.5204,
28.8526

■ 45.8519, 47.4118,
47.3444

■ 35.1917, 33.2748,
21.6455

■ 50.2986, 53.0854,
58.7531

■ 32.4761, 29.4761,
15.7074

■ 55.2175, 59.2618,
71.6800

■ 30.1486, 26.1084,
10.9628

■ 60.6226, 65.9535,
86.1784

■ 28.1883, 23.1547,
7.3284

■ 66.5274, 73.1726,
102.2992

■ 26.5719, 20.5967,
4.7098

■ 70.3300, 79.8846,
106.3202

■ 25.2729, 18.4140,
2.9966

■ 73.7870, 86.7985,
107.4725

■ 24.2522, 16.5808,
2.0141

■ 75.2960, 89.8164,
107.9755

■ 24.0995, 16.3035,
1.8767

Harmonies

Analogous

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



43.2906, 42.2261, 40.6841



41.8613, 42.2261, 37.3966



40.0069, 42.2261, 36.3536

Triad

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



41.8613, 42.2261, 37.3966



36.6163, 42.2261, 46.3443



42.0895, 42.2261, 55.3632

Complementary

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



41.8613, 42.2261, 37.3966



38.8361, 42.2727, 55.4030

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.



40.2627, 42.2261, 57.1646



41.8613, 42.2261, 37.3966



37.1359, 42.2261, 51.7102

Square

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



41.8613, 42.2261, 37.3966



37.0146, 42.2261, 41.2716



38.4561, 42.2261, 55.7788



43.4252, 42.2261, 51.0272

Rectangle

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



41.8613, 42.2261, 37.3966



38.7895, 42.2261, 37.0001



38.4561, 42.2261, 55.7788



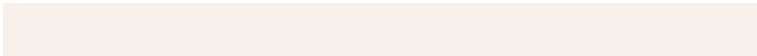
41.5106, 42.2261, 56.2999

Sweetspot

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



41.8624, 42.2280, 37.3975



84.6139, 88.1145, 91.1322



41.3105, 38.0281, 46.7582



18.4588, 19.1933, 19.7014



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.



41.8624, 42.2280, 37.3975



72.3251, 72.1362, 60.5246



45.3635, 49.2302, 38.5645



9.8350, 10.1460, 10.0167



15.9120, 10.8628, 1.2581



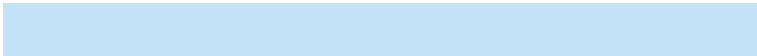
0.6875, 0.5540, 0.0707

Inverse Universe

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



38.8361, 42.2727, 55.4030



65.8994, 72.2288, 98.7474



35.5991, 35.7987, 54.3240



9.4796, 10.1515, 12.1320



10.2582, 10.6282, 33.9037



0.4642, 0.5411, 1.3488

Previews

White Background



This preview shows how the XYZ color 41.8613, 42.2261, 37.3966 looks on a white background.

Color Contrast Check

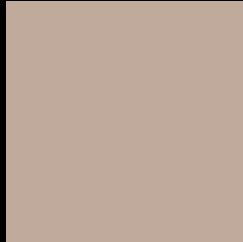
Large Text (above 18pt) WCAG AA × Fail

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 41.8613, 42.2261, 37.3966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

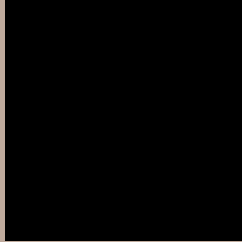
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.8613, 42.2261, 37.3966

Background



This preview shows how black text looks on a background with the XYZ color 41.8613, 42.2261, 37.3966.



This preview shows how white text looks on a background with the XYZ color 41.8613, 42.2261,

37.3966.

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

41.8613, 42.2261, 37.3966

Protanopia

40.1712, 42.1795, 38.3720

Deuteranopia

43.0293, 42.2759, 37.3447



Tritanopia

44.3051, 42.4021, 49.0293

Trichromacy



Original Color

41.8613, 42.2261, 37.3966

Protanomaly

40.8459, 42.2537, 37.9012

Deuteranomaly

42.6944, 42.3783, 37.3821

Tritanomaly

43.3456, 42.2830, 44.4049

Monochromacy



Original Color

41.8613, 42.2261, 37.3966

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.0675, 42.5381, 43.0920

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8613, 42.2261, 37.3966 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(191, 170, 156)` looks like.

```
.text, #text, p{  
    color:rgb(191, 170, 156)  
}
```

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(191, 170, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 170, 156) }
```

Border

The CSS property to change the border of an element to XYZ 41.8613, 42.2261, 37.3966 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(191, 170, 156) }
```


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

```
.border{ border-color:rgb(191, 170, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 170, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 170, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 170, 156);  
box-shadow:4px 4px 4px 4px rgb(191, 170,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8613, 42.2261, 37.3966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 170, 156) }
```

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

```
.background{ background-color: rgb(191,  
170, 156) }
```

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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